

Online Training Degree

Bachelor of Science in

Artificial Intelligence and Christian Ethics



In Association with

About the Degree

Our program uniquely blends the technical expertise of AI with the moral insights of Christian ethics. Start with a solid foundation in AI, enhanced by programming skills and ethical perspectives. Gain critical knowledge in data science mathematics, visualization techniques, and ethical considerations in AI. Explore cutting-edge AI technologies, the creative potential of generative AI, and the concept of AI for good through a Christian lens. The journey culminates in mastering Big Data and practical capstone projects, preparing you for a career where technology and ethics intersect.

Join us for a transformative learning experience that equips you to make a positive impact in the world of AI.



Watch Video

techclass.link/V4501



*Innovate with Intelligence,
Lead with Morality!*

Tracks and Modules

Track 1



Module 1.1

Fundamentals of Artificial Intelligence



Module 1.2

Programming Refresher



Module 1.3

Christian Ethics in the Digital Age

Track 2



Module 2.1

Essential Math and Statistics for Data Science



Module 2.2

Storytelling Through Data Visualization



Module 2.3

Ethics of AI

Track 3



Module 3.1

Emerging AI Technologies



Module 3.2

Generative AI



Module 3.3

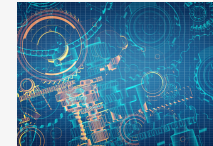
AI for Good: Christian Perspectives

Track 4



Module 4.1

Fundamentals of Big Data



Module 4.2

Capstone Project: Preparation and Implementation



Module 4.3

Capstone Project: Documentation and Presentation

Fundamentals of Artificial Intelligence

Dive into the world of artificial intelligence in this comprehensive training, centered around the fundamentals of AI, Machine Learning, and Deep Learning. Understand the importance of data in modern AI, the distinctions between classical AI and Machine Learning, and familiarize yourself with Machine Learning algorithms, Neural Networks, and associated fields. Learn about AI's influence across various industries and its numerous applications.

This training provides a modest yet thorough understanding of AI's potential to reshape our world and drive positive change.



Video



Brochure

Industry
Projects

Main Training Areas

- Exploring AI Fundamentals
- Machine Learning Techniques
- Deep Learning and Neural Networks
- AI in Industry and Applications
- Ethical Challenges in AI
- AI Future and Opportunities

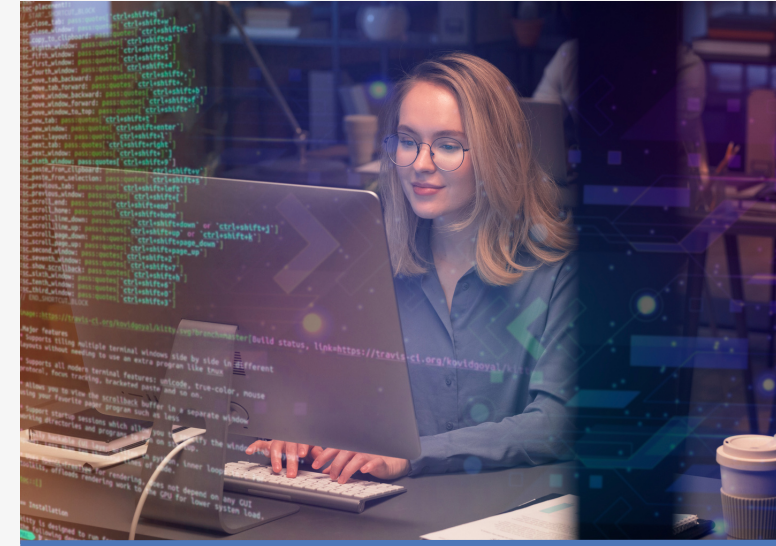
Module 1.2 **Programming Refresher**

Discover the fascinating world of computer programming with our "Programming Refresher" training. Designed to build a strong foundation, it covers essential concepts such as key elements of programming, pseudo-codes, and flow charts. Learn about the differences between low-level and high-level programming languages. Develop proficiency in variables, data types, conditional statements, loops, and functions. Understand the significance of classes, and objects.

Gain insights into algorithm time complexity, version control, and practical applications of Git commands.

Main Training Areas

- ➔ Foundations of Programming Basics
- ➔ Key Programming Elements
- ➔ Exploring Data Structures
- ➔ Exploring OOP Essentials
- ➔ Managing Code with Version Control
- ➔ Algorithm Complexity and Optimization



Video



Brochure

Industry
Projects

SAMSUNG

Christian Ethics in the Digital Age

Explore the intersection of faith and the digital world in our comprehensive online training on Christian Ethics in the Digital Age. This training provides an in-depth look at how the digital revolution has transformed society, and where Christian ethics fit into this new landscape. Delve into topics like digital citizenship, data security, and the role of the church in a digital society. Understand the ethical challenges posed by emerging technologies and how to navigate them with a Christian perspective.

This training is a valuable resource for anyone looking to understand and apply Christian ethics in the ever-evolving digital world.



Video



Brochure

Main Training Areas

- ➔ Digital Revolution and Christian Response
- ➔ Navigating Digital Citizenship with Faith
- ➔ Ethics of Online Privacy and Security
- ➔ Emerging Technologies: Ethical Perspectives
- ➔ Christianity's Role in Digital Society
- ➔ Building Ethical Digital Communities

Essential Math and Statistics for Data Science

Build a strong foundation in essential math and statistics for data science with this comprehensive training, covering fundamental concepts of calculus, linear algebra, and analytic geometry. Gain an intuitive understanding of functions, derivatives, and extremum points, while also exploring vector and matrix operations.

Delve into the world of descriptive statistics, non-linear relationships, and probability, exploring the principles behind random variables and popular distributions. This training offers a well-rounded approach to the crucial mathematical skills required for success in data science.

Main Training Areas

- ➔ Calculus for Data Science
- ➔ Linear Algebra Foundations
- ➔ Analytic Geometry Essentials
- ➔ Exploring Descriptive Statistics
- ➔ Common Probability Distributions
- ➔ Understanding Vector Calculations



Industry
Projects

NETFLIX



Video



Brochure

Storytelling Through Data Visualization

Elevate your data analysis capabilities with this engaging training on storytelling through data visualization. Delve into the essential concepts of data storytelling, and understand its significance for data analysts. Learn to communicate effectively with your audience using powerful visualization tools while avoiding common pitfalls that hinder effective communication.

Acquire techniques for decluttering visualizations, and harness the connection between the eye, brain, and memory to create persuasive data narratives. Captivate your audience with ease and confidence using compelling data stories.

Main Training Areas

- Effective Data Communication
- Persuasive Visualization Techniques
- Engaging Data Narratives
- Visual Design Principles
- Audience-centric Presentations
- Decision-making with Data



Video



Brochure

Industry
Projects

Module 2.3 **Ethics of AI**

Discover the world of AI Ethics and learn how to navigate the challenges posed by Artificial Intelligence in our society. This comprehensive online training will introduce you to the principles of AI Ethics and provide valuable insights into disinformation, non-maleficence, privacy, surveillance, bias, fairness, responsibility, and transparency. Developed for professionals working in data science, AI, and technology, this training empowers you to create more responsible and ethical AI systems.

Dive into practical applications and real-world case studies to gain a deeper understanding of ethical considerations in AI.

Main Training Areas

- Foundations of AI Ethics
- Disinformation and Deepfakes
- Ensuring AI Non-maleficence
- Privacy, Surveillance, and AI
- Tackling AI Bias and Fairness
- AI Transparency and Accountability



Video



Brochure

Industry
Projects

Google facebook

Emerging AI Technologies

Step into the realm of Emerging AI Technologies with our expertly designed online training. From the basics of AI to the frontiers of futuristic applications, our training encompasses the full spectrum of AI's influence on modern industries. Learn how AI reshapes business intelligence, healthcare, and more through engaging content and illustrative case studies.

Our training is more than education; it's a window into understanding the pulse of AI innovations that are setting the stage for tomorrow's breakthroughs. Immerse yourself and become fluent in the language of AI with us.



Video



Brochure

Main Training Areas

- Foundations of Intelligent Systems
- Machine Learning Mastery
- Pioneering AI in Healthcare
- AI-Driven Business Analytics
- Robotics and Autonomous Innovation
- Ethical AI Governance and Policy

Generative AI

Discover the transformative power of Generative AI in our dynamic online training. This immersive program guides you from the basics of AI to the innovative frontiers of generative models. Learn about the historical evolution, delve into neural networks, and unlock the potential of AI in art, writing, and beyond. Understand the societal impacts, ethical concerns, and the potential for AI to revolutionize industries.

Our training offers a rich tapestry of knowledge, empowering you to be at the forefront of the Generative AI revolution, ready to innovate and lead in an AI-augmented future.

Main Training Areas

- Foundations of Generative Intelligence
- Neural Networks and Model Mastery
- Creative Frontiers in AI Artistry
- Ethical AI: Society and Responsibility
- AI-Driven Innovation in Industry
- Future Trends in AI Evolution



Video



Brochure

AI for Good: Christian Perspectives

Embark on an enlightening journey with our AI for Good: Christian Perspectives training. This program offers a deep dive into AI's essentials, its societal impacts, and the ethical dilemmas it presents. We'll explore how AI intertwines with Christian ethics, examining historical perspectives and contemporary challenges. This training is a unique blend of technological understanding and theological reflection, aiming to equip you with the knowledge to navigate the complex world of AI.

Through engaging content, we address bias, privacy, and the stewardship of AI, aligning technology with Christian values for a responsible and ethical future.

Main Training Areas

- Foundations of AI and Society
- Ethics in AI Development
- Christian Ethics and Technology
- AI, Morality, and Stewardship
- Future Visions: AI and Christianity
- Theological Reflections on AI



Video



Brochure

Fundamentals of Big Data

Discover the vast landscape of Big Data with our online training, "Fundamentals of Big Data." This program covers the concept, benefits, and types of data involved in Big Data, along with the V's of Big Data, databases apt for large datasets, and the workings of Data warehouses and Data lakes. Enhance your skills in Big Data analysis, distributed file systems, and Big Data technologies and tools such as Hadoop and Spark.

Learn about Hadoop architecture, its modules, and the key differences between Hadoop and Spark, providing you with a well-rounded understanding of the Big Data ecosystem.

Main Training Areas

- Big Data Generation and Storage
- Essential Data Analytics Techniques
- Big Data Characteristics
- Distributed Systems and Databases
- Big Data Tools and Technologies
- Hadoop and Spark Architecture



Video



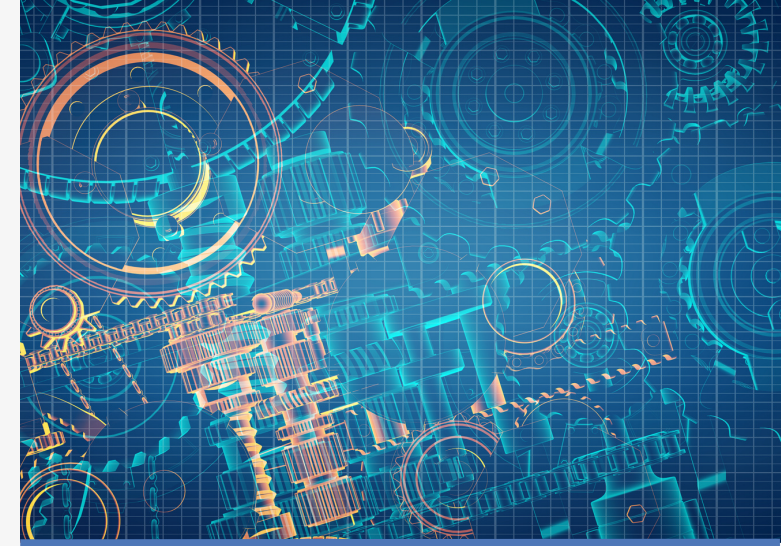
Brochure

Industry
Projects

Modules 4.2, 4.3 **Capstone Project**

The Capstone Project, a cornerstone of this degree program, encompasses four pivotal stages: Preparation, Documentation, Implementation, and Presentation. It serves as an integral platform where students apply their accumulated knowledge in a real-world context. Starting with thorough planning in the Preparation stage, progressing to detailed recording in Documentation, and then moving to the practical execution in Implementation, the project culminates in a comprehensive Presentation.

This endeavor not only reflects the student's academic growth but also primes them for future professional challenges.



Capstone Project Tasks

- Preparation
- Documentation
- Implementation
- Presentation

Training Audiences



- **Technology enthusiasts** and **students** seeking to integrate their passion for artificial intelligence with a strong foundation in Christian ethics.
- **Professionals in the field of AI** and **data science** looking to enrich their technical expertise with ethical considerations and principles.
- **Christian community leaders** and **educators** aiming to understand the impact of AI on society and guide their teachings with a blend of technology and ethics.
- **Policy makers** and **ethical regulators** interested in shaping the future of AI governance with a balance of innovative technology and moral values.





Your Learning Journey

*Maximize Your Potential through
TechClass Dynamic Learning*



Self-paced Learning

Your Personalized Path to Success



Interactive Video

Engaging Digital Experiences



Expert Insights

Short Lessons, Big Impacts



Training Support

01 Support Center

Our Support Center is here to help you succeed. Count on us to guide you through any challenges so you can focus on reaching your goals.

02 Discussions

Have questions or need help with training content? Simply start a discussion and get the support you need from your instructors or the community.

03 Q&A

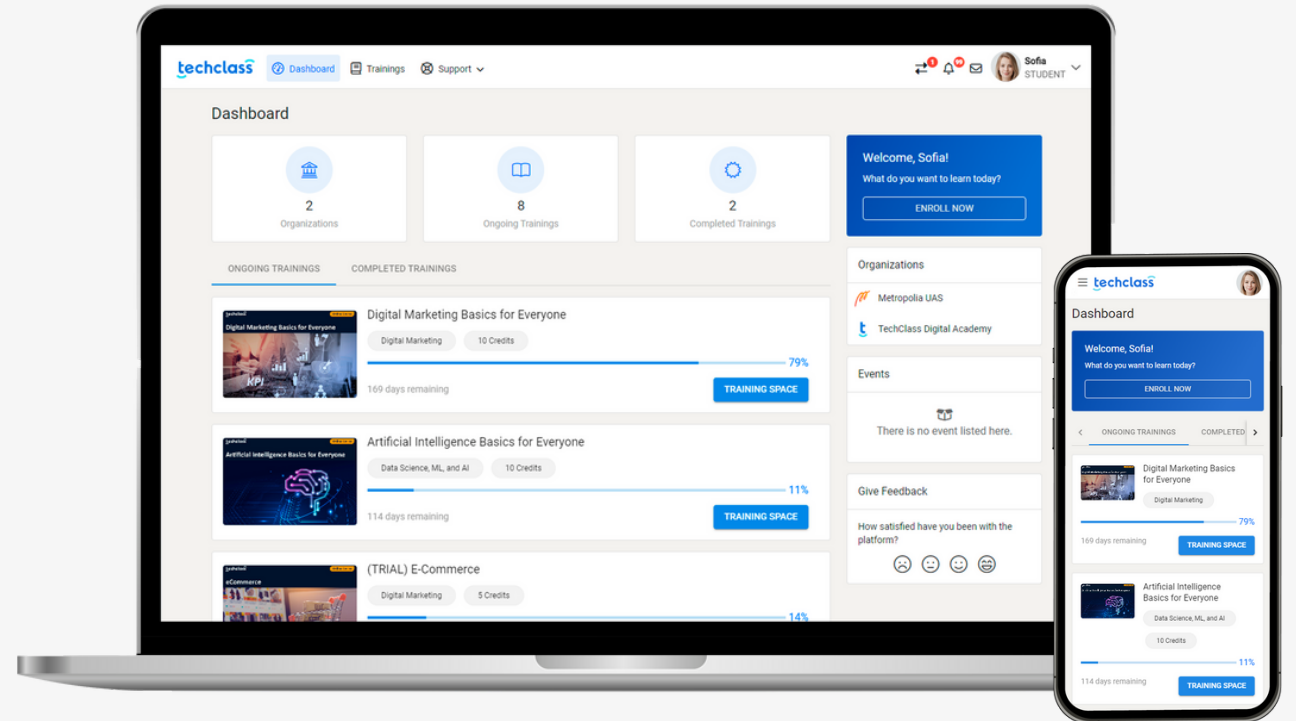
Get the answers you need and expand your knowledge with our Q&A section. Get insightful responses from your instructors and peers.

04 Peer Review

Become a better learner with the power of peer review. You can submit your tasks and receive thoughtful feedback from your classmates.

TechClass LMS

Designed to provide a dynamic, intuitive, and engaging learning experience. A learning environment to enjoy.



Personalized Learning



Tailored education that suits your unique needs.

Simple



Ultimate learning solution, easy and intuitive.

Community-first



Collaborative learning with peers and expert instructors.

Anywhere, Anytime



Learn on your terms, from anywhere with internet access.

Read more: techclass.link/lms



Students Testimonials

Hear from our students that how TechClass transformed their learning experience and helped them achieve their goals.

Elina Sumén



Metropolia UAS

The training are easy to follow and covered a good amount of knowledge. I found the assignments very useful; it was great to use the knowledge in practice right away.

Vladimir Miskovic



Laurea UAS

TechClass is an intuitive, convenient and efficient online platform. It makes online learning easier and faster, especially when it comes to AI and programming.

Anna Kurmaeva



Laurea UAS

The platform is flexible and allows to do assignments at my own pace. The information is very well structured and leads a student throughout the studies.

Csépke Csilla



Metropolia UAS

The training were awesome. I am studying software development in aiukuisopisto, and I think TechClass courses helped me a lot to get the study place.



Training Certificate

Take your career to the next level with TechClass certification, and demonstrate your skills and knowledge to employers, clients, and peers.



techclass

Certificate of Completion

This certificate is awarded to

Julia Smith

for successfully completing the
**Bachelor of Science in
Artificial Intelligence and Christian Ethics**

Issue Date: 5 May, 2023
Expiration Date: 5 May, 2025
Certificate ID: dplVbe


Farhad Eftekhari
CEO at TechClass



certificate.techclass.com/dplVbe

techclass

TechClass Digital Academy



Mission


Career growth through accessible and practical education.

About the Company

At TechClass, we're passionate about fueling your journey to success by being the premier provider of cutting-edge online learning solutions. Our mission is to empower individuals and organizations to unleash their true potential, transforming lives in the process. Harnessing the power of innovative technology, ground-breaking research, and best educational practices, we're dedicated to revolutionizing the learning landscape and fostering a world where education is accessible, inclusive, and equitable for all. Join us on this exciting adventure and equip yourself with the knowledge and skills necessary to thrive in our rapidly evolving, interconnected world.




2017
Founded


+20K
Students


10
Research Papers


93%
Satisfaction



Ready to Take Your Skills
to the Next Level?

Contact
Initiator Christian University
Today!

