

# ELLIOT KOH

Adelaide, SA, Australia

+61 448 618 303 • [elliottkoh2@gmail.com](mailto:elliottkoh2@gmail.com) • [linkedin.com/in/elliottkoh1](https://www.linkedin.com/in/elliottkoh1) • [elliottkoh.netlify.app](https://elliottkoh.netlify.app)

*Passionate about harnessing technology for social good, I aim to blend my software engineering expertise with creativity to develop innovative solutions that inspire change and empower communities.*

## EDUCATION

**Bachelor of Computer Science (Advanced),** The University of Adelaide *Expected Graduation 2025*

- **Relevant Coursework:** Algorithm Design & Data Structures, Object-Oriented Programming, Systems Programming, Computer Systems, Web & Database Computing, Cybersecurity Fundamentals, Advanced Topics in Computer Science

## WORK EXPERIENCE

**Associate Software Engineer – Altitutor** *Mar 2023 – Present*

- Spearheaded backend system development (HTML, CSS, JavaScript), enhancing data efficiency and accessibility.
- Led the creation of interactive e-learning tools and a mobile application, leveraging React for front-end development and Python for backend processes, boosting educational engagement.

**Co-Creator & Content Developer – CodeKage** *Dec 2023 – Present*

- Co-founded and grew CodeKage into a leading coding platform with 500,000+ impressions, using HTML, React, and TailwindCSS for engaging tutorial design.
- Boosted online audience engagement and education through strategic content creation (C++, JavaScript) and social media optimisation.
- Executed strategic social media and content optimisation, significantly boosting engagement and fostering high-quality, tech-focused community interaction.

**Student Work Experience – Australian Institute for Machine Learning (AIML)** *Jun 2021 – Jul 2021*

- Collaborated on a Python-based project under Dr. Latif's mentorship, developing a solution to a complex problem, demonstrating coding proficiency and problem-solving skills.
- Gained insight into AI and machine learning applications, solidifying my passion for Computer Science and driving my ambition to innovate in software engineering and high-frequency trading (HFT) sectors.

## PROJECTS

**Altitutor UCAT Program Development** *Apr 2023 – Present*

- Led a team in designing and implementing innovative features for an online UCAT training program, utilising tkinter for Python to develop a user-friendly GUI that enables non-programmers to easily process documents into CSVs, thereby enhancing test preparation (Python, CSV, React).

**Autoencoder-Based Writer Identification** *Aug 2023 – Dec 2023*

- Developed an advanced writer identification system using autoencoders, significantly improving the accuracy of handwriting analysis by integrating deep learning techniques (Python, TensorFlow, Keras).

## COMMUNITY INVOLVEMENT

**President – University of Adelaide Mechanical Keyboard Club** *Jul 2022 – Present*

- Grew club membership by organising community events and workshops, demonstrating leadership and community engagement.

**Community Member – Ravi's Study Program** *Nov 2023 – Present*

- Attended a summer coding bootcamp. Engaged in peer-to-peer learning, contributing to an improvement in coding skills among participants. Showcased strong communication and mentorship abilities.

## TECHNICAL SKILLS

**Proficient** C++, Python (Pandas, PyTorch, TensorFlow, Keras), JavaScript, React, HTML, SQL