

Elliot Koh

Adelaide, SA

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Passionate Computer Science undergraduate focused on leveraging coding skills to drive social change. Eager to gain experience that broadens my skill set, with a particular interest in developing self-improvement apps.

Education

Bachelor of Computer Science (Advanced), The University of Adelaide

Expected Graduation 2024

- **Focus:** Algorithm Design & Data Structures, Object-Oriented Programming, Web & Database Computing, Computer Systems, Systems Programming, Puzzle Based Learning, Topics in Computer Science

Work Experience

Administrative and Technical Coordinator / Tutor, Altitutor – Non-profit Education Company

Mar 2023 – Present

- Developed and automated Altitutor's backend system, enhancing data accessibility and demonstrating strong problem-solving skills.
- Led online marketing strategies, driving student enrolment and engagement, showcasing leadership and strategic planning abilities.

Student Work Experience, Australian Institute for Machine Learning (AIML)

28th Jun – 1st of Jul 2021

- Shadowed Dr. Latif and completed a Python-based project using pseudocode and diagrams to solve a problem.
- Observed various AI and machine learning applications, sparking my interest in pursuing a career in Computer Science.

CEO & Owner, [Proximo Binks](#) / [Project Binks](#)

Oct 2018 - Present

- Drove 4 million views and 5000+ followers across social media platforms for a tech-focused brand.
- Successfully conceptualised and developed an upcoming clothing line.

Projects

Altitutor UCAT Program Development

Apr 2023 – Present

- Collaborated with a cross-functional team to design a comprehensive online UCAT training program, showcasing teamwork and innovation.
- Spearheaded the development of a [UCAT Timer](#), [UCAT Calculator](#), and automated question bank, demonstrating leadership and problem-solving skills.

Object Oriented Sim City 1989

Sep - Oct 2022

- Developed a variant of SimCity 1989 using C++ and the raylib library.

University Clubs

May - July 2023

- Led the development of a comprehensive University Clubs website, acquiring hands-on experience in HTML, CSS, JS, and SQL.
- Implemented user-centric features, including club joining, event RSVPs, and admin controls, streamlining user experience and management.

Community Involvement

President, University of Adelaide Mechanical Keyboard Club

Jul 2022 - Present

- Orchestrated events and built a community, increasing membership. Demonstrated leadership, team coordination skills and engaging presentation skills.

Community Member, Ravi's Study Program

Nov 2022 – Feb 2023

- 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.

Languages / Skills

Proficient C++, Python (Pandas, PyTorch, TensorFlow), React, GraphQL, HTML/CSS, JavaScript, MATLAB

Experienced SQL, R, HDL, C#, Ruby, TypeScript, XML, Swift