

# Barry Tran

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## EDUCATION

### University of Adelaide

Adelaide, SA

*Bachelor of Computer Science (Advanced), GPA: 7.0/7.0*

*July 2023 – Nov. 2025 (Expected)*

## EXPERIENCE

### Summer Research Intern

Nov. 2023 – Feb. 2024

*Australian Institute for Machine Learning*

- Developed novel AI solutions for detecting
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

### Fullstack Developer Intern

Oct. 2023 – Feb. 2024

*Budi Startup*

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

## PROJECTS

### Sharetify | *Flutter, Dart, Firebase*

Nov. 2023 – Jan. 2024

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration

### Doodle Duo | *C++, SFML, Git*

Sep. 2023 – Oct. 2023

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release

### Obesity Rate Analysis | *BeautifulSoup, Pandas, Numpy, Matplotlib*

Aug. 2023 – Sep. 2023

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release

## TECHNICAL SKILLS

**Languages:** Python, C/C++, PostgreSQL, TypeScript/JavaScript, HTML/CSS, Assembly, Dart

**Frameworks:** React, AstroJS, NextJS, Django, Flask, Flutter, TailwindCSS

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm

## COMMUNITY INVOLVEMENT

### Second Year Representative | *Adelaide University Mathematics Society*

Oct. 2023 – Present

- Hosted events which attract 600+ students

### Events Officer | *Adelaide MedTech Hackathon*

Oct. 2023 – Present

### Ingenuity Event Volunteer | *University of Adelaide*

Oct. 2023

## HONORS AND AWARDS

**Global Citizen Scholarship** | *University of Adelaide*

**Meritorious Prize** | *International Mathematics Modelling Challenge*