

# Resume

## Edward Ji

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## Skills Summary

- Excel at Python, can proficiently program in C, SQL, Swift, Java, etc.
- Can efficiently navigate the command line and use tools like Vim, Git, and Docker.
- Enjoy challenging tasks and exploring new technologies.
- Have great passion for mathematics and deep learning.

## Experiences

### NetEase Youdao | iOS Developer Intern

Dec 2023 - Feb 2024

- Collaborated in developing an AI-based text optimization interface for the Youdao dictionary app, which ranks as the third most downloaded reference app on the App Store in China, using Swift and SwiftUI.
- Contributed to the development of Hi Echo, a virtual speaking coach application, by implementing the weekly learning report interface using UIKit.

### Hudson Homes | Automation Developer

Jan 2022 - Dec 2022

- Programmed several automation scripts for updating housing information, generating reports and contacts.
- Performed data analysis and processing using Python and various third-party libraries.
- Used SQL scripts to manage and query Microsoft SQL server.

## Educations

### The University of Sydney

2021 - 2025

I'm studying Bachelor of Advanced Computing and Bachelor of Science, majoring in computer science and data science. Additionally, I'm part of the Dalryell Scholars program, recognizing high-achieving students.

## Honors and Awards

### Vacation Research Scholarship

Jul 2024

The Program is designed to provide valuable research experience and is open to those students interested in pursuing a research career at a university or in industry. I worked on understanding Stellar - a leading decentralized payment solution and federated consensus protocol, and analyzing its security.

### School of Computer Science Undergraduate High Honour Roll

May 2023 & Jun 2024

I excelled in my studies of IT units in both years.

### Second Place in SYNCS Hack 2023

Aug 2023

In 24 hours, our team developed a team matching app called Matcha 🌀 using Svelte.

### Best UI/UX and People's Choice in SYNCS Hack 2022

Aug 2022

Our team submitted an elegant decision-making web application that makes life easier - Decision Royale 🌀.

### The University of Sydney Academic Merit Award

Aug 2022

I achieved an Annual Average Mark of 89.1 in 2021 while challenging myself as much as possible with the advanced units. This award was established in 2007 to recognize exemplary undergraduate students. There are approximately 600 prizes awarded annually.

### Junior Undergraduate Project Award in Coding Fest 2022

May 2022

I led a team of Bachelor students who completed and published a game on itch.io and my personal website 🌀.