

Tian (Phillip) Wu

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Objective

I am seeking a full time job as a software developer that is focused in areas including web development, mobile application development, and embedded system engineering. With experience and enthusiasm in building both software applications and hardware projects, I aspire to create fun and quality applications to make a difference in the digital world.

Education

Professional Year Program

Navitas Professional, Canberra ACT

March 2022 - Present

Master of Computing

The Australian National University, Canberra ACT

February 2020 - December 2021

Employment Experience

Centre for Gravitational Astrophysics, Acton ACT

Technical Assistant

February 2022 - Present

- Develop software interfaces for mechanical equipments in the lab
- Conduct routine maintenance of laboratory and control systems

Key outcome:

- Successfully developed different interface programs in the lab

Software Innovation Institute, Acton ACT

Software Engineer

June 2022 - Present

- Develop cross-platform applications with Dart and Flutter
- Integrate Solid Pods into applications for better security and privacy experience

Degree Related Projects

TechLauncher Project with ANFF OptoFab

The Australian National University, Canberra

February 2021 - October 2021

Key learning points:

- Participated in the website prototyping and layout design for the application
 - Engaged in the front-end development of the web application using React.js
 - Successfully deployed the website application to ANU domain server
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Skills

- Develop embedded control systems using microcontrollers
- Design Python interfaces for hardware communications
- Create board games in Java using JavaFX
- Program full-stack applications with JavaScript frameworks
- Scale applications and databases with efficient API development
- Administer Linux jobs and streamline workflows with CI/CD best practices
- Communicate effectively within a team environment with critical thinking and problem solving skills

Qualifications and Memberships

- ACS membership March 2021 - Present

Volunteer Work

Orange Sky Australia
General Hand

October 2021 - Present

- Help friends in need with free laundry in a laundry van every Friday afternoon in Aboriginal Tent Embassy.

Referees

Referees are available upon request