Peter Tran

4th Year Software Engineering Student at UQ

Highly ambitious and optimistic 4th Year Software Engineering student at the University of Queensland. I enjoy problem solving, working in teams and programming is my passion. In my spare time, I partake in social sports, mostly football and badminton. I am always looking to expand my array of skills, to learn, and to experience first hand, the real world. I will tackle any obstacles with a positive outlook and I wish to inspire others.

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0483885331

github.com/peter-tr/peter-tr

WORK EXPERIENCE

Software Engineering Intern

Boeing Australia   (11/2021 – Present)

Achievements/Tasks
- Optimising Baboo Build Agents and scripts to run (amortised) **80% quicker than previous**
- Back development using **Python, Java and C in UNIX environment**
- Created message decoder that **decrypted TCP and UDP packets** from raw aircraft data to analysable information
- **Consult with clients** to create **simulations** with proprietary software to visualise scenarios and generate data

Junior DevOps Engineer

Services Australia   (02/2022 – Present)

Achievements/Tasks
- Manage and optimise **DB2 systems databases**
- Work in a UNIX environment and backend development using **PostgreSQL and PHP**.
- Monitor and tweak existing databases to improve efficiency
- Identify bugs and implement solutions for tickets

Australian Defence Force Cyber GAP Program

ADF   (01/2022 – 12/2022)

Achievements/Tasks
- Specialise in network and IT infrastructure security regarding **government and defence systems**
- Run **penetration tests on real life infrastructure** to determine areas of vulnerabilities and impact of attack
- Investigate incidents and respond to events in real time

First Year Engineering Learning Centre Mentor and Tutor

University of Queensland   (02/2021 – 06/2021)

Achievements/Tasks
- Supports students academically in their course work
- Role involves providing knowledge and personal experience to new engineering students
- Organising and running student events and activities that enrich student experience

EDUCATION

[Current 4th Year] Bachelor (Honours) and Master of Engineering - Software

University of Queensland   (02/2020 – expected 11/2024)

Details
- Specialisation in **Software Engineering** with a **GPA of 6.4**
- Accepted in EAIT Hawken Scholar Program for achieving academically **top 5% of cohort**
- Awarded **Dean's Commendation for Academic Excellence 2020, 2021 and 2022**
- **High proficiency in Algorithms and Data Structures**

Certificate of Proficiency in Vietnamese (Advanced)

Viet Ngu Lac Hong School   (01/2017 - 12/2019)

Details
- Well-versed and proficient in the Vietnamese language
- Able to listen, read, write, speak and translate Vietnamese to a high standard

Queensland Certificate of Education

Cavendish Road State High School   (01/2015 - 12/2019)

VOLUNTEER EXPERIENCE & OTHER ACTIVITIES

UQ Ventures Validate Program   (06/2022 – 12/2022)
- Worked in a team to develop a 'Central Tutoring Application' business model that aimed to change how tutoring is conducted for both private and university wide application
- Pitched idea to panel of real venture capitalists and investors

Mentor for Get Set Program at UQ   (01/2021 – 05/2021)
- Host weekly meetings for groups of new students looking for tips & advice on university life
- Organising events for students to help them adapt to studying on campus and facilitate meeting new people

EAIT Leadership and Mentoring Program (07/2020 - 12/2020)
- Learn to motivate, encourage, and empower others to succeed to professional practices
- Achieved 3rd place in 3-day hackathon about ways to improve UQ