

Tyler Nguyen

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Portfolio <https://tylernnguyen5.github.io/>

Career Objective

I am an IT graduate with strong interests in software engineering, web and mobile application development and Internet of Things industry. I am seeking an internship and entry-level position in which I can assist in software development projects whilst being able to contribute to the prospect of the business and sharpening my skills set

Professional background

- Understanding of emerging software engineering development processes in the industry throughout academic research and completing technical projects
- Developed strong analytical and problem-solving skills in programming, debugging, wireframing and testing via personal programming projects and academic studies
- Developed essential skills in different aspects of IT: *data structure, algorithms, object-oriented design, API, security, database management, testing, continuous integration, networking, deploying, prototyping, documentation, etc.*

Skills, experience and relevant attributes

Technical and Programming Skills

- Proficient in *JavaScript, Python, PHP, SQL, Java, SASS*
- Experienced working with popular tools and frameworks such as *Node.js, Vue.js, MongoDB, Git, Firebase, Bootstrap, Webpack, jQuery, AWS, Linux CLI, Docker, Google Cloud APIs, Android, Terraform, HELM, Flask, Trello, Adobe XD*
- Practical use of several prominent SDLC methodologies and principles such as *Agile, Scrum, Kanban*
- Arduino and Raspberry Pi user

Communication and Presentation Skills

- Demonstrated and discussed findings from technical research at meetings and performed several presentations of academic reports on user-centred design, big technologies, software engineering methodologies, etc.
- Fluently communicating with customers to take their orders, making recommendations and assisting in certain tasks with exceptional service (employed at Hawker Boys)

Teamwork Skills

- Received positive peer evaluation/feedback from colleagues at RMIT. Demonstrated teamwork ability through handling conflicts/disagreement within the team. Supported teammates with difficulties in terms of health and learning curve
- Demonstrated effective skills while dealing with group projects and working at the Victorian Electoral Commission and central eateries with high traffic and workload

Time-management Skills

- Provided excellent customer service from previous employment in a fast-paced working environment (approximately 150-250 customers/day – employed at Hawker Boys)
- Operated and assisted in counting, sorting and rechecking an average of 1500 election votes per day (employed at Victorian Electoral Commission)

Personal and University Projects

- News Archiver ([Puppeteer, Firebase & Vuejs](#))
- Craigslist Scraper ([Puppeteer & Nodejs](#))
- Travel Site ([JavaScript & Webpack](#))
- Facebook Lite ([PHP & MongoDB](#))
- Movie Night Planner ([Android Mobile App](#))
- Light / Dark Themes ([JavaScript](#))
- Real-time Chat App ([Vuejs & Firebase](#))
- Website for booking and renting cars ([Python / PHP & Angular](#))
- Fictional University ([PHP & WordPress](#))
- Music Player ([JavaScript](#))
- CircleCI pipeline with AWS and Kubernetes ([Terraform & Ansible / Terraform & HELM](#))

Education

Bachelor of Information Technology with Distinction
RMIT University

2017 - 2020

Additional Employment

Waiter at Hawker Boys

Counting Officer at Victorian Electoral Commission

Cashier at VB Rolls

February 2019 - Present

November 2018 – December 2018

June 2018 – December 2018

Volunteer Experience

WordPress Developer at Let's Be Neighbourly

I work with other developers to help the non-profit organization put together an effective website to raise awareness and support the aged care community

September 2020 - Present

Blood Donor at The Australian Red Cross

I donate 500ml of whole blood every 4 months to help people with cancer, difficulties in pregnancy or other medical treatments

April 2019 - Present

Waiter at Kinfolk Café

Profit from Kinfolk Café goes to partner charities to provide education and empowering human rights for particular individuals

March 2019 – March 2020

Courses Taken

- Intro. to Programming (C language)
- Intro. to Information Technology
- Building IT Systems
- Programming 1 (Java)
- Mathematics for Computing
- Intro. to Computer System & Platform Technology
- Database Concepts
- User-centred Design
- Software Architecture: Design & Implementation
- Web Programming
- Security in Computing & IT
- Software Engineering Fundamentals
- Data Communication & Net-centric Computing
- Advanced Programming Techniques (Java)
- Software Engineering: Project Management
- Mobile Application Development (Android)
- Professional Computing Practice
- Software Testing
- Secure Electronic Commerce
- Database Applications
- Programming Project (Angular Web Application)
- System Deployment and Operations
- Programming Internet of Things

Hobbies and Interests

- Bouldering
- HIIT
- Fishing
- Soccer
- Business Podcasts
- Documentary

Referees

Ms Monica

Employer at Hawker Boys
0434 051 011

Mr Nic Harty-Morris

Volunteer Manager at Kinfolk Café
0405 624 335