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EDUCATION

- **University of Adelaide**   Adelaide, SA
  Bachelor of Computer Science (Advanced) (Honours); GPA: 6.2/7   *Mar. 2017 – Nov. 2020*

EXPERIENCE

- **Telstra**   Sydney, NSW
  Software Engineer Intern   *Nov. 2019 - Feb. 2020*
  - **Automation**: Migrated all 37 Payments team microservice images from the expiring V1 registry to V2 through scripting calls to a Bamboo build plan, enabling other teams to do the same
  - **Optimisation**: Developed a feature for our local PyTest framework enabling devs to complete more tasks in a shorter amount of time, increasing sprint output and efficiency by 30%
  - **AWS EKS (Elastic Kubernetes Service) with Fargate**: Set up new clusters with existing microservices for upcoming migration

- **Sine**   Adelaide, SA
  Software Engineer Intern   *Dec. 2019 - Mar. 2020*
  - **Autofill Suggestions**: Developed new feature which enabled visitors to check-in 75% faster with autofill suggestions
  - **Selective Dropdown**: Modified dropdown directive to allow site admins to choose exactly which sites to broadcast a message to, instead of all/one
  - **Refactored**: Multiple AngularJS components, increasing code readability and reducing technical debt
  - **New Proof of Concept**: Created Python script to receive output from the serial port of our building's access control system: check-ins/check-outs with Slack notifications were made purely by scanning an access card

TEACHING

- **University of Adelaide**   Adelaide, SA
  Teaching Assistant   *Mar. 2020 - Present*
  - **Courses**: Object Oriented Programming, Web and Database Computing

PROJECTS

- **Containerised Personal Website**: Autoscaling node pools based on workload demands while pushes to the GitHub repository automatically update the website through a CircleCI build (Docker, Google Kubernetes Engine (Google Cloud), CircleCI)
- **QuickDefine**: Natural Language Processing (NLP) pipeline, creates concise definitions of CS concepts (Python)
- **ATOM Feed**: Distributed client/server system which aggregates and distributes ATOM feeds (Java)
- **"Placeholder"**: Fully functional web application created for a hotel booking site. Major project for the course Web and Database Computing, collaborated with two other group members resulting in a High Distinction grade, integrated with Google Maps API and OpenID login (JavaScript, Node.js, HTML, CSS)
- **Pomodoro Timer**: iOS application written in Swift, aims to boost productivity through visualising the Pomodoro study method (Swift)

PROGRAMMING SKILLS

- **Languages**: Python, Java, C++, JavaScript, Node.js, AngularJS, Swift
- **Technologies**: Docker, Kubernetes, AWS, Google Cloud, SQL, Unix, Bash, Git, HTML, CSS

VOLUNTEERING

- **Big Day In**: Held by ACS Foundation at the University of Adelaide, this event exposes high school students to the tech and IT industry. Tasks included guiding/ushering teachers and students, set up of the event and clean up