

## Profile

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Studying a Master of Software Engineering and working part-time as a software developer, I am striving to strike the balance between learning core computer science principles and attaining industry knowledge. My ideal company is one that is product-focused, where I can be surrounded by intelligent people who are developing cutting edge products and implementing best-practice software engineering. Some of my values:

- *Work with passion* – I love it when a project gets my heart racing and I can't stop thinking about it;
- *Be open and empathetic* – I'm honest, don't engage in gossip and put other's feelings first;
- *Be balanced* – I balance hard work with regular exercise and a healthy social life.

## Education

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University of Melbourne (statement of results [here](#))

- **Master of Engineering (Software)** – WAM **84.5** (First Class Honours) 2016-present
- **Bachelor of Commerce** (Finance Major, Civil Eng. Minor) – WAM **75.9** 2012-2016
- Engineering Exchange Scholarship (Summer), NTU Singapore (Cybersecurity) 2017
- Dean's Honours List, Faculty of Engineering (top 5%), Business and Economics (top 3%) 2016-2017

Scotch College - **97.65** ATAR, Dux of Physical Education (perfect score) 2011-2012

## Projects

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### Personal

- **Your Rugby Match** (Django + Postgres Web App) 2017
  - Built a voting application as freelance work for TLA Worldwide (public company) in team of four.
  - Won the job, contracted other developers, managed the client and wrote the backend.
  - App handled traffic in the thousands per day, with thousands of votes submitted overall.
- **Memba** (Python) – Paperwork automation and member management tool I built for lifesaving clubs. 2016

### University

- **onTask** (Django + Ionic App, 96% mark) 2017
  - Mobile application for job sharing and work experience. Built for a client at Capgemini.
  - Worked as a backend programmer on the API and was testing lead in a team of five.
- **Train Simulation** (Java, 100%), **Graphical Car Controller** (Java, 100%), **Mutation Tool** (Python, 90%), **Logical Guessing Game** (Haskell, 95%), **Constraint Solver** (Prolog, 94%) 2017

## Work Experience

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- **Software Developer** – *Everproof* 2017-present
  - Working on backend application with 50,000+ users (Python w/ Django).
  - Built RESTful verification services that interface with backend (Python w/ Flask).
  - Contributed to static site (HTML, CSS, JS, Jekyll).
- **Demonstrator** – *University of Melbourne* 2018
  - Taught programming, algorithms and data structures to graduate students.
- **Analyst** - *M&A Partners* 2015-2016
  - Built financial models in Excel and managed C-level clients in \$5-50m transactions.
- **Founder/Project Manager** – *JUFL* 2015
  - Oversaw teams from Australia, India and Slovakia in production of social iOS application.

## Technical Skills

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- Languages:
  - Java, Python (Experienced)
  - Haskell, SQL, HTML, CSS (Proficient)
  - Javascript, C, Prolog, Bash, Ada (Familiar)
- Frameworks: Django (+ REST Framework), Flask, Jekyll, Ionic, Bootstrap, Wordpress
- Programs/Services: Postgres, Git, Github, Heroku, Atlassian toolset, Unix

## Attributes

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- Strong communicator – teach lifesaving courses and programming to broad audiences
- Thrive in a diverse team – long-time volunteer on various, diverse committees
- Curious and quick learner – ability to ship unfamiliar software with minimal guidance
- Reliable – ensure that when assigned to a task, it always gets done (and done well!)
- Challenge seeker – choose tough assignment topics/projects when given the opportunity
- “Get it done” attitude – entrepreneurial spirit and highly motivated to work on tech projects
- First principles thinker – attack complex problems by understanding the fundamentals

## Activities

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- Portsea Surf Life Saving Club (2000+ members):
  - Club Captain, Operational Committee Chair 2017-present
  - Education Director, Social Director, Patrol Captain/Mentor 2012-2017
- MC/Organiser – CodeBrew (Hackathon) and Industry Networking Night 2016-2017
- Treasurer – Computing & Information Systems Students Association 2015-2017
- Gold Medallion and IRB Assessor, Life Saving Victoria 2014-present
- Host – University of Melbourne Student Union Orientation Week 2015
- Street Finance Mentor – Department of Finance, University of Melbourne 2015
- Committee member – Commerce Students Society 2012

## Sporting Achievements

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- Australian Junior & Youth (Captain) Water Polo Team, World Champs 2012-2013
- Scholarship Holder, Victorian Institute of Sport 2010-2012
- Scotch College Firsts Water Polo Team (Captain, Premiers) 2010
- Victorian Schoolboys Water Polo Team (Captain, Gold Medal) 2009

## Interests

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- Water polo, lifesaving (especially teaching)
- Surfing, surf-ski paddling, cycling
- Latest tech gadgets
- Travel
- Watching TED Talks
- Asian food and European beer!

*Referees and additional part-time jobs (2008-2014) available upon request.*