

# Matthew Perrott

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## 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-focussed, where I can be surrounded by intelligent people who are developing cutting edge products and implementing best-practice software engineering. I wish to work in a supportive environment where I can continually learn and apply my passion for technology to products that are making a difference.

Some of my values:

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

## Experience

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- Software Developer – Everproof (*part time*) 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 (Intro to Python, *casual*) 2018-present
  - Taught programming principles, data structures and algorithmic problem solving
- Analyst - M&A Partners (corporate advisory firm, *part time*) 2015-2016
- Founder/Project Manager - Jufl (iOS app) 2015
- Founder/Coach - Ripsafe (surf-swimming and beach safety business) 2014-2015

## 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 (top 3%) 2016

Scotch College

- VCE - **97.65** (5 subjects only due to sporting commitments) 2010-2011
  - Dux of Physical Education (perfect score)
- Excellence in Sports and Studies Award 2010
- Distinctions - Westpac Maths and Rio Tinto Science Competitions 2009

## Technical Skills

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- Languages (Proficient): Java, Python, Haskell, SQL, HTML, CSS
  - *Java* – 100 in both assignments, 92 overall in Software Modelling & Design
  - *Python* – use it professionally, 96 overall in Masters Software Engineering Project
  - *Haskell* – 95 in both assignments, 88 overall in Declarative Programming
- Frameworks: Django (+ REST Framework), Flask, Jekyll, Ionic, Bootstrap, Wordpress
- Programs/Services: Postgres, Git, Github, Heroku, Atlassian toolset, Unix
- Languages (Basic): Javascript, C, Prolog, Bash, Ada

## 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

## Sporting Achievements

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|---|-----------|
| • Australian Junior & Youth (Captain) Water Polo Team, World Champs | 2012-2013 |
| • Full Blue (Water Polo), University of Melbourne                   | 2015      |
| • Scotch College Firsts Water Polo Team (Captain, Premiers)         | 2010      |
| • Victorian Schoolboys Water Polo Team (Captain, Gold Medal)        | 2009      |

## Activities

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|--|--------------|
| • 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         |
| • Portsea Surf Life Saving Club (2000+ members):                         |              |
| ◦ Club Captain, Operational Committee Chair                              | 2017-present |
| ◦ Education Director, Social Director, Patrol Captain/Mentor             | 2012-2017    |
| • Committee member – Commerce Students Society                           | 2012         |

## Interests

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|---------------------------------------|---------------------------------|
| • Surfing, surf-ski paddling, cycling | • Watching TED Talks            |
| • Lifesaving (especially teaching)    | • Asian food and European beer! |

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