Matthew James Phillips

+614 13 168 366 | [Website](#) | matt.phillips121@gmail.com | [LinkedIn](#)

Career Profile

- 4th year Mathematics and Computer Science student at UNSW with a High Distinction Average
- Reliable computer scientist with a history of completing projects, to a high standard, under time pressure.
- Technically minded engineer with communication skills developed through team management and administration.
- Passion for back end/algorithm development with a focus on efficient and well-structured software

Education

University of New South Wales   **2015 - Present**

Bachelor of Computer Science/Bachelor of Science (Mathematics)

- Weighted Average Mark (WAM): 85.7 – High Distinction (HD) Average
- 16 HD Subjects including: **Advanced C++, Algorithms, Operating Systems and Maths**

Xavier Catholic College – ATAR: 98.7   **2013 - 2014**

Engineering Experience

TwoPi Code   *Full Stack Engineer*   **2017 - Present**

- Responsible for backend and frontend design and development on various client projects.
- Primarily using a ReactJS, Flask and MySQL stack

University of New South Wales   *Course Administrator*   **2018 - Present**

- Lead developer on Flask application, to integrate compulsory git usage into courses, which is used by ~700 students from 1st to 3rd year
- Point of contact for students with technical questions

University of New South Wales   *Tutor/Lab Demonstrator*   **2017 - Present**

- Courses on Software Engineering Fundamentals and Microprocessors and Interfaces
- Effectively and engagingly delivered course content, reflected in end of semester feedback from students

Additional Experience

Takamiya Ryokan Miyamaso   *Hotel Staff*   **2016**

- Customer service in a foreign country, focused on customer experience and interaction

Tutoring   *Mathematics Tutor*   **2014**

- Tutored a high school student in Mathematics

Awards/Achievements

Deans Honours List – (Highly Commended in 2017 & 2018)	**2016 - 2018**
4th Overall in Bridgestone World Solar Challenge	**2015**
Lions Club Citizenship Award (only recipient)	**2014**
Academic Excellence at Xavier Catholic College	**2012 - 2014**

Extracurricular/Community Involvement

UNSW Solar Racing Car Team, Sunswift   *Energy Systems Lead*   **2016 – 2016**
- Responsible for Energy Team (approx. 7 engineers) progress and role allocation.
- Team management and leadership role
- Involved interfacing both within the team and multiple external companies

UNSW Solar Racing Car Team, Sunswift   *Mech/Strategy Team Member*   **2015 - 2016**
- Member of the 27 core students selected to represent UNSW at the Bridgestone World Solar Challenge (BWSC)
- Heavily involved in the World Solar Challenge campaign and an effort to produce the first road-legal solar vehicle under M1 regulations
- Light involvement in improving existing strategy software (shell and python scripts to parse raw data files)

Byron Bay Lifesaving Club   *Volunteer*   **2011 – 2015**
- Regular beach patrols
- Qualifications, including First Aid Certificate and Advanced Resuscitation Techniques

Leo's Club/St Vincent De Paul Society   *Chairman/Secretary*   **2014**
- Represented both clubs at charity events
- Acted as a means of communication between the clubs and the wider school

Software Skills

(* = experience outside of university in a professional role)

C / C++ / *Python / *HTML / *Flask / *ReactJS	**Advanced**
*Shell Scripting / *CSS / *JQuery / *SQL / Java	**Intermediate**
*Competent using Unix / *Linux environment / *Command Line	

Referees

Available upon request