# Ashwin Ramesh

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**About Me**

Hey, I'm Ash. I am Computer Science graduate from The University of Sydney. I have primarily focused on web development, machine learning and data pipeline implementations at past roles. I enjoy solving difficult and interesting problems and am always looking for new opportunities to expand and improve my skillset.

**Experience**

**Curicon (Infrastructure Developer)**                    February 2014 – November 2015

Built complex data pipeline systems that communicated between each other via RESTful interfaces build with Python (Flask). Wrote NLP and machine learning algorithms to classify and identify unstructured data against a predefined library. Solved scalability and performance issues as the complexity of the system grew.

**Freelancer.com (PHP Programmer/Tester)**                    June 2012 - February 2014

Intern – Helping main test engineer with creating front-end test cases using PHP and Selenium to ensure that all multi-lingual websites are correctly running.

**APG Construction (IT Help/General Assistant)**                    September 2011-June 2012

Casual IT help in setting up software and hardware around the office. Also performing general office duties/administrative work.

**Sysnet Associates (Junior Programmer)**                    2009-2011

Worked as a junior programmer and in customer relations. My job primarily involved programming in Visual Basic, VBA,VB6 and Microsoft Access. I also had to maintain contact with prospective/current clients and ensure that progress was being made on their projects.

**Education**

**University of Sydney**                    2011-2014

- Bachelor of Computer Science and Technology (Advanced)
- Scholarship: CSIRO Entrance Scholarship 2011

**Sydney Boys High School**                    2005-2010

- HSC ATAR: 98.60 – 4U Math, Adv. English, Software Development, Economics
- Graduated with Premier's Award.

**Skills**

**Back End Development**

- 3 years of experience with Python – SQLAlchemy, Flask, Django
- 2 years experience with PHP – CodeIgniter, CakePHP
- Working knowledge of Java
- Good knowledge of caching and best practices – Redis, Memcached
- 2 years experience building data pipelines and CLI scripts
- Worked with Natural Language Processing tools and technology to solve classification problems at a previous startup.

**Dev Ops**

- 5 years of experience working with UNIX based operating systems.
- 2 years experience with notification and monitoring services – Supervisord, Monit, etc.
- Some experience with Puppet and similar provisioning technologies
- Some experience with NGINX, Open Stack and

**Front End Development**

- Adequate knowledge of HTML/CSS and Javascript
- Some knowledge of Angular JS 1.3

**Other Skills**

- Version Control - GIT
- Editors – Sublime Text, Atom, Jetbrain Products
- Worked under Scrum/Kanban (Agile) team