

# James W. Hardwick

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## Education

### University of Sydney

BACHELOR OF SCIENCE (ADVANCED), COMPUTER SCIENCE

- WAM 82.9

Sydney, Australia

Expected Nov 2018

### University of New South Wales

BACHELOR OF MECHANICAL ENGINEERING

- Deferred enrollment

Sydney, Australia

2011-2012

## Experience

### Information Gateways

CRM DATA ANALYST

- Developed pipelines with Python and command line tools to automate data entry and management of CSV files.
- Building of a web scraper using BeautifulSoup, and storing results in a PostgreSQL database
- Meeting with potential clients to demonstrate product functionality.

Sydney, Australia

Jul. 2017 - Present

### Onsite Glass and Aluminium

GLAZIER

- Manufacture and installation of custom windows, doors, and shower screens.

Sydney, Australia

Apr. 2013 - Jan. 2016

## Skills

**Languages** C, Python, Javascript, Java, SQL

**Web** Node.js, Flask, Express, Vue, HTML5, Jekyll

## Projects

### ATP Match Data Analysis

SQL, PYTHON, PANDAS

- Breaking down statistics from professional tennis to uncover underlying trends.

### Course Planning Tool

NODE.JS, VUE, EXPRESS, MONGODB, PYTHON

- A web app that makes it easier to plan subject choice based on prerequisites and course availability.

### Process Forker

C

- A proof of concept program that allows the user to create processes, and then send messages and signals between them.

### Atoms

C

- A turn based multiplayer game for the terminal with save/load functionality.

## Extracurricular

### GovHack

MENTOR

Melbourne, Australia

2017

### Sydney University IT Society, Sydney University Lawn Tennis Society

MEMBER