James W. Hardwick

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Education

University of Sydney   *Sydney, Australia*

B.Sc (Advanced), Computer Science   *Expected Nov 2018*

- WAM 82.9

Experience

Information Gateways   *Sydney, Australia*

Software Engineering Intern   *Jul. 2017 - Present*

- 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.

Onsite Glass and Aluminium   *Sydney, Australia*

Glazier   *Apr. 2013 - Jan. 2016*

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

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.js, Express, Python, SQL

- 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   *Melbourne, Australia*

Mentor   *Jul. 2017*

UniHack   *Sydney, Australia*

Volunteer   *Aug. 2017*

Sydney University IT Society, Sydney University Lawn Tennis Society

Member