Benjamin Rohald • +61433404267 • rohaldb@gmail.com • www.github.com/rohaldbUni

Objective

Ambitious and motivated 5th year Software Engineering and Mathematics student, driven by a passion for technology and application software. Experienced junior developer with a rare combination of quantitative skills and creative insights.

Education

University of New South Wales, dual Software Engineering (Honours) and Statistics (BE (Hons) BSc)   **2014 - 2019**

- Distinction Weighted Average Mark (WAM): 83.2/100

- On the Dean's Engineering Honours List for high achievement

- Received a $2000 grant for academic excellence in the field of Computer Science

University of California San Diego, Exchange Program   **Sep 2016 – Dec 2016**

- Participated in an international exchange program at UCSD

Relevant Experience

Software Engineering Intern, Optiver APAC   **Nov 2018 – Feb 2019**

Extended a core window of the main internal trading application (.NET, C#), performed big data analysis on trade execution, speed and success (Pandas, Python) and implemented autonomous, real-time trading software (C++).

React Full Stack Web Developer, Contractor https://www.whatsoninsydney.com.au/   **Feb 2018 – Mar 2018**

Contracted by What's-On Sydney to develop a review platform for local events. Built in React 16, the site uses the Contentful CMS and is exclusively client-side. Server-side functionality utilizes Firebase's remote cloud functions.

React Full Stack Web Developer Intern, Metigy https://metigy.com/   **Nov 2017 – Feb 2018**

Responsible for the React implementation of the Metigy responsive analytics platform. Data and metrics needed to be parsed through a range of complex formatters before being interfaced through HighCharts graphs.

Ruby on Rails Backend Developer, Contractor https://www.observership.com.au   **Feb 2017 – Jun 2017**

Contracted as a freelance back-end developer by The Observership to implement a website remodel. Technologies include payment gateways (Stripe and PayPal), AWS S3 storage and Salesforce CRM integration.

Junior Software Engineer, Brieff https://www.brieff.com/   **Mar 2016 – Jul 2016**

Employed as a front-end engineer to build custom interfaces and integrate with a Ruby on Rails backend.

Mathematics Intern, UNSW Mathematics Department   **Feb 2016 - Mar 2016**

Selected by Dr Chris Tisdell, Associate Dean of Science, to aid the development of first-year mathematics support material.

Technical Skills

Algorithm Design, Java, Python, Ruby, C, C++, C#, R, SQL, Shell/Bash, Regex, Perl, ES6, Ruby on Rails, NodeJS, Flask, React