

Rachel Meadows

Junior Software Developer

Contact Details



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github.com/rachel-meadows



rachelmeadows.dev

Summary

- I will graduate Enspiral Dev Academy in May 2022. Here, I learned modern front-end and back-end web development, with particular focus on JavaScript (ES6), relational databases, and REST APIs.
- My personal projects include web applications written in Python, React, and native JavaScript. Several use SQL databases, and all use distributed version control (git) and automated test suites.
- With 3 years experience in a fast-paced SAAS startup, I also have skills in a wide range of business analysis, data analysis, and product development activities.

Skills

JavaScript (ES6), React, SQL (mySQL, SQLite), HTML5, CSS6, Python, Agile methodologies, API development, automated testing, distributed version control (git / Github / SmartGit / Bitbucket), RESTful APIs.

Work Experience

Nov 2018 – **Operations Manager (July 2020 – November 2021)**

Nov 2021 **Research Analyst (November 2018 – July 2020)**

Cognitive Performance Labs (www.akomaps.com)

Responsibilities and skills developed

- *Research, Data, Strategy and Business Intelligence*
 - Research and reporting of business intelligence information (e.g. market and competitor analyses, pricing analysis, etc.).
 - Implementation and analysis of product trials and testing.
 - Collaboration with IP lawyers to catalogue software specifications informing the patent process.
- *Product Management and Customer Experience*
 - Named inventor on United States Patent #10,915,821 (digital multimedia learning system).
 - Production and facilitation of educational courses for corporate, university and school clients, including research and scriptwriting.
 - Primary lead of customer experience; conducted surveys and user interviews, then prioritised software requests for the technical team (600+ tickets logged in JIRA).
 - Primary liaison with UX (User Experience) contractor to implement changes to the software platform.
- *Communication and Client Liaison*
 - Taught and demonstrated software to clients, including public speaking in workshops and presenting to Government ministers, educators, non-profits, and corporate customers.

- Primary liaison with PR contractor, created marketing and copywriting content promoting software.
- *HR and Operations*
 - Manager of 4 full-time employees (studio production facility), improved workflows and communicated activities to the CEO.
 - Responsible for evaluating CVs, conducting interviews, hiring studio employees, coaching, and performance management.

Apr 2017 – **Data Support (April 2017 – June 2018)**
 Nov 2018 **Junior Data Analyst (July 2018 – November 2018)**
 COMET Auckland (Auckland Council-Controlled Organisation)

Responsibilities and skills developed

- Sourced, evaluated and interpreted secondary data sources to report on social indicators and outcomes in the Auckland region.
- Collaborated with stakeholders and presented data to local communities.

Jan 2017 – **Data Collection Consultant (*Volunteer*)**
 Mar 2017 Helensville Community Recycling Centre

Responsibilities and skills developed

- Created Excel workbooks integrated with point-of-sales system Vend to collect logistical and sales data.
- Automated descriptive statistics for reports to Auckland Council.

Education and Qualifications

- 2022 **Web Development Level 6**
 Enspiral Dev Academy
- JavaScript (ES6), React, Redux, server-side development (Node.js, Express.js), server-side templating (Handlebars.js), Webpack, HTML5, CSS3.
 - SQL database design and development (using SQLite3, PostgreSQL, and Knex.js).
 - REST and API architectures; e.g. invoking API routes with Postman, task runners and bundlers, consuming APIs with Superagent, testing API calls with Supertest.
 - Development best practices, including test-driven development, distributed version control, pair programming, coding patterns, Agile methodologies, etc.
- 2018 **Bachelor of Science (Hons) in Psychology, awarded with First-Class Honours**
 University of Auckland
- Designing experiments, statistical analysis of data in Excel and IBM SPSS.
 - Understanding of neuroscience concepts, including collection and analysis of electroencephalography data.
- 2015 – 2017 **Bachelor of Arts in Psychology, awarded with Dean's Prize**
 Auckland University of Technology
- Quantitative research and statistics skills (parametric and nonparametric tests, data presentation).
- 2010 – 2014 **Other Academic Qualifications and Awards**
- NCEA Level 1, 2 and 3 with Excellence endorsements.
 - Scholarship in Biology; Scholarship with Outstanding in English.
 - Dux of Kaipara College.