

# Daniel Murphy

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

## SKILLS

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**Languages:** JavaScript, Python, Java, C++/C, R, Matlab, SQL, HTML5, CSS

**Frameworks:** React JS, Vue, React Native, GraphQL, REST API, TensorFlow, Keras

**AWS:** AppSync, DynamoDB, Amplify, S3, IAM

**Tools:** GitHub, JIRA, Visual Studio, ESLint, Wireshark

## WORK EXPERIENCE

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**MODLR, Wellington, New Zealand**

**October 2022 - Present**

*Junior Software Engineer*

- Developed a bespoke CRM system using SQL, PHP, Vue.js, and SQL for efficient customer relationship management.
- Utilized APIs from various accounting platforms, including Xero, along with JavaScript scripting languages, to create web applications for managing financial data. This effort significantly improved data accuracy and accessibility.
- Collaborated with customers to gather and analyze system requirements, ensuring that software solutions met their needs and expectations.
- Participated in code reviews and contributed to the overall code quality and best practices.

**Benetech, Palo Alto, California**

**January 2022 - July 2022**

*Software Engineering Intern*

- Worked in an Agile development team developing a mobile reading application designed for users with reading disabilities such as dyslexia and blindness. The application was developed with React Native and utilized a range of APIs to access Benetech back-end services to deliver content.
- Utilized AWS services like CloudFront, AppSync and Lambda to manage centralized book lists, user authentication and content caching for scalability.
- Extensive use of Javascript and React Native libraries such as NativeBase, EpubJS and Apollo Client.

**Tech Matters, Palo Alto, California**

**October 2020 - June 2021**

*Software Engineering Intern*

- Researched, prototyped and implemented a React based Progressive Web App for browsing, searching and viewing multimedia content on browsers, iOS and Android mobile devices. The content was designed as reference information for users in developing countries.

## **EDUCATION**

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**University of California, Irvine**

**2015 - 2019**

*Bachelor of Science in Computer Science, GPA: 3.53*

### **Coursework Topics**

Artificial Intelligence, Machine Learning and Data Mining, Data Structures and Analysis, Computer Vision and Image Processing, Compilers and Interpreters, Distributed and Parallel Systems, Statistics and Bayesian Probability Theory.

## **VOLUNTEER EXPERIENCE**

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**Carlmont California Scholarship Federation, Belmont, California**

**2013 - 2015**

*Senior Member*

Coordinated two service projects for San Mateo Counties Second Harvest Food Bank which helped the Food Bank organize their stock of non-perishable food.