

# Daniel Figueroa

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## Technical Projects

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### *Rose Cottage Visiting Volunteers Mobile Applications* (November 2022 - Present)

- Created a backend React application with functional API Endpoints for the app.
- Met with stakeholders to create Software Requirements Specification documents including pertinent UML diagrams for the organization's board of directors.
- Developed in collaboration with a partner in the span of months and abided by all the principal phases of the software development cycle.
- Designed a scalable and dynamic graphical user interface for the iOS variant of the app.
- Utilized significant amounts of React, Kotlin, and Swift.

### *Movie Nomination React Application* (May 2021)

- Developed a React web app that allows users to search and nominate movies using the OMDb API.
- Designed a scalable UI for web and mobile screen sizes.
- Ensured accessibility was well supported to provide an inclusive experience for all users.
- Made heavy use of TypeScript, CSS, HTML, and React.

### *Luna Diary App* (December 2022-January 2023)

- Designed an app that allows users to create, read, search, delete and update diary entries.
- Created a dynamic array of entries, names, and colours that immediately respond to changes requiring no screen refresh.
- Developed entirely in SwiftUI.

## Relevant School Projects

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### *WNHL Hockey Organization Applications* (September 2020 - October 2021)

- Developed in collaboration with a partner on both Android and iOS cellular devices.
- Implemented notifications and user interfaces for both versions.
- Designed a responsive interface for devices of varying sizes.

## Education

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### *Brock University, Bachelor of Computer Science* (September 2018 - August 2022)

- Computer Science Major with proficiency in Java.
- Experienced in Swift, JavaScript, React, Python, HTML, CSS, C++, Git, SQL, Python, Express.js, Node.js, PHP, LaTeX, MongoDB, Kotlin, and MySQL.

## Activities

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*Hacktoberfest - 2020 - Participated in Hacktoberfest 2020 where I identified and promptly optimized components of the website. Additionally, removed extraneous functions from said website.*