

# ADRIAN VIQUEZ

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## SKILLS

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Languages: Javascript, C++, Python, C#, PHP  
Front-End: React, React Native, jQuery, CSS3, HTML5  
Back-End: Node.js, Express, Electron  
Datastore: MongoDB, SQL  
Tools: Git, Jira, Unity, Adobe XD, Tensorflow, Keras

## EXPERIENCE

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### UBC Launchpad

*Software Developer*

Vancouver, BC

Jan 2019 - Present

- Designing and implementing a food management application to keep track of bought groceries, recipe suggestions, ways to save money and reduce food waste using Swift and Node.js
- Actively engaging in weekly scrum meetings to provide personal and group progress, assess roadblocks and determine deliverables for the following weeks

### Denim & Steel

*Software Developer*

Vancouver, BC

May 2019 - August 2019

- Created a PHP data migration script across different CMS for the Science World website
- Redesigned the Denim & Steel main website into a SPA using React, Webpack and CSS3
- Designed a PHP, HTML and CSS3 website for the Zee Zee Theatre Company
- Implemented waste sorting games for the Recollect Company using Javascript, Gulp and CSS3

### Connor, Clark & Lunn Financial Group

*System Developer*

Vancouver, BC

September 2018 - April 2019

- Developed a multithreaded queuing system using micro-services to manage client requests and generate content-sensitive financial reports
- Created MVC front-end and back-end solutions for the Trade Support and Retail Portfolio Operation teams using C#, SQL and SSRS
- Designed systems contemplating the development life cycle model, following TDD, DDD and SOLID principles

### Sustaingineering UBC

*Software Engineer*

Vancouver, BC

May 2018 - May 2019

- Full stack development of "Horus", an Electron desktop application for monitoring solar farms
- Designed a React front-end SPA with user login/authentication and graphical data display
- Contributed to the development of cloud infrastructure solutions for serving RESTful and realtime micro-services

## PROJECTS

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### Human Anatomy Teaching App *React Native, Node.js, MongoDB*

This is a React Native mobile application designed to teach human anatomy to medicine students at UBC. This capstone project makes uses Node.js and MongoDB for its backend and database respectively. This App will be launched in the App Store and Play Store upon completion.

### keepfresh *Swift, Node.js, Docker*

keepfresh is an iOS app that will allow users to track the food in their homes, see when items are expiring, and find recipes based on their inventory. The app is built using micro-service architecture with an express gateway and Docker containers.

### Eagle Reader *React, Javascript, Google Speech-to-text*

Eagle Reader is a web based reading application designed for people with visual and auditive disabilities. This was a project done during UBC's 2018 Local Hack Day to promote inclusivity, accessibility and diversity.

## EDUCATION

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### University of British Columbia

B.A.Sc Electrical and Computer Engineering

Graduation Date

September 2015 - May 2020

May 2020