

Sun Jack Chen

3A Software Engineering



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GitHub.com/ggjack

Technical Skills:

- Experience working with C++, C, PHP, JavaScript, and Java
- Familiar with Python, Go, SQL, C#, and web development

Experience:

Tulip Retail

Full-Stack Developer Co-op

Kitchener, ON

September 2017 – Present

- Second term of working on the technical delivery team
- Strategized sprint plans with technical leads and coordinated team to progress with projects
- Mentored new hires and co-ops through the development tools and the code base at Tulip

Tulip Retail

Full-Stack Developer Co-op

Kitchener, ON

January 2017 – April 2017

- Appointed to the technical delivery team to help meet specifications provided by Tulip's clients
- Coded mainly in PHP and occasionally in web languages for web modules
- Primarily programmed custom extensions of the base code to accommodate client's distinct requirements of the functionality of each API call
- Programmed import and automation scripts to update the database with new customer, product, and order data
- Praised for thorough code reviews, quick delivery of sprint tasks, and meticulous documentation

Bluejay Networks

Software Engineer Co-op

Toronto, ON

April 2016 – August 2016

- Developed a receipt managing application using Ionic and Cordova frameworks
- Reduced time to complete a receipt POST call by reducing the size of the image
- Established REST API endpoints to enable the mobile application to make calls to the server
- Compiled and reviewed iOS and Android builds for testing and an alpha release

Projects:

Straights(C++)

CS247

July 2017

- Developed in pairs to develop a card utilizing the MVC design pattern as well as planning with UML diagrams
- Designed a basic GUI using the gtkmm toolkit
- Incorporated inheritance and polymorphism to produce modular, low-maintenance code
- Received perfect marks

HairClarifai(HTML, CSS, JS, Python)

UofTHack IV

January 2017

- Single-Page Application to suggest hair-style using Clarifai's API to train a classifier
- Front-end GUI built using ReactJS for users to take pictures of their face
- Setup backend using Django framework to handle API calls from frontend, and to Clarifai

CapitalBot (HTML, JS)

Princeton Hacks

November 2016

- Programmed a Facebook chatbot which won Capital One's sponsor prize for best use of its Nessie API
- Utilized Node.js environment for the backend to handle messages and manage accounts
- Incorporated regular expressions to relate messages to certain commands to add, remove, or transfer money

Education:

Candidate for Bachelor of Software Engineering, Co-op; Expected Graduation Year: 2020

University of Waterloo, Waterloo, Ontario, Canada [September 2015 - Present]

- Received President's Scholarship of Distinction from University of Waterloo
 - Admission Average of 95% or higher