

## Summary

- Experienced in developing for many form factors, from mobile to web development
- Strong visual sense cultivated from eight years of freelance design ventures
- Proficient in problem solving and learning from self-teaching graphic design and web development

## Skills

**Proficient:** Swift, C, C++, Python, HTML5, CSS3, React.js, JavaScript, Bash

**Familiar:** SQL, Impala, Java, TypeScript, Scala

**Tools:** Git, JIRA, AJAX, Adobe Creative Suite, Sketch

## Work Experience

**Visier Solutions, Inc.** | iOS Developer

January – August 2018

- Implemented four new data visualizations for the Visier People app using **Swift** and **Objective-C**
- Optimized the app for graphs to viewable in landscape orientation by transitioning from in-house layout library to Apple Auto Layout

**Bell Canada – Network Big Data** | UI/Web Developer

May – August 2017

- Designed and developed a custom UI library and web portal for the team using **React.js** and **Redux**
- Automated QA for business analytics with **Python** scripts, reducing time from hours to seconds
- Established and designed brand identity and style guidelines for the entire Big Data team

**Rave Media, Inc. (Formerly WeMesh)** | UI/UX Designer

May – August 2016

- Produced wireframes and mock-ups for web and mobile interfaces with Photoshop and Illustrator
- Created animated prototypes in After Effects to communicate ideas between design and dev teams

## Projects

**Hack the North Simulator**  | C++

September 2018 (Hack the North 2018)

- Created a 2D resource management game that simulates a hacker's experience at Hack the North
- Designed the character sprite sheets and animations
- Worked on player interactions and game mechanics within the game
- Winner of Best Use of Ubisoft's Hacker's Nest Student API

**bridgED**  | React Native, Unity

November 2017 (HackWestern 4)

- Developed an iOS/Android app that allows users to take pictures of their surroundings and receive a translation and description in their native language
- Placed Top 6 Overall, Winner of Best Use of IBM Watson Visual Recognition API and Best Hack for Empowering Diversity through Design and Technology

## Education

**University of Waterloo**

September 2015 – June 2020

Bachelor of Computer Science, Honours

Human-Computer Interaction Option