

## WORK EXPERIENCE

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### Oath

Research Intern

Jan - Apr 2018

- ▶ Investigated new models and algorithms for face detection and face clustering.
- ▶ Decreased false positive rate of machine learned face detection model from 5% to 0%.
- ▶ Achieved 88% precision on clustering faces with the same identity.

### Yahoo

Software Engineering Intern

May - Aug 2017

- ▶ Implemented push notifications through service workers and reduced network activity by 73%.
- ▶ Built Yahoo Mail RSVP cards to simplify user interactions with calendar event invitations.
- ▶ Utilized the ClipboardEvent API to produce a more consistent copy and paste experience.

### Rangle.io

Full Stack JavaScript Developer

Sep - Dec 2016

- ▶ Redesigned the user flow of forms of a React web application and reduced time on task by 35%.
- ▶ Initiated development on the Atlas mobile app, implementing core features using React Native.

### Uken Games

Software Developer

Jan - Apr 2016

- ▶ Designed and developed a new point collection mechanic which increased revenue by 20%.
- ▶ Rewrote systems for managing time and local file storage to reduce technical debt and prevent potential security exploits.

### Audatex Canada

Software Engineer

May - Aug 2015

- ▶ Wrote and optimized queries to access and analyze data in databases using PL/SQL.

## PROJECTS

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### EthRPG

- ▶ Technical lead on Ethereum blockchain based online multiplayer role playing game.
- ▶ Directed technical strategy for front-end, back-end, hosting and deployment process.

### Chest Finder

- ▶ Learned Node.js and Express to develop an elegant and responsive web application.
- ▶ Utilized the Riot Games API to dynamically load and display customized content to users.

### CurlySnakes

- ▶ Developed and released an Unity mobile game using accelerometer input for movement.

## SKILLS

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- ▶ **Languages:** Proficient in JavaScript and Python. Experience with Java, CSS, HTML and SQL.
- ▶ **Libraries / Frameworks:** Node.js, React, Redux, Tensorflow, React Native, Express and MongoDB.

## EDUCATION

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University of Waterloo

Class of 2019 (expected)

- ▶ Honours Bachelor of Computer Science candidate