

SKILLS

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

WORK EXPERIENCE

- Oath** (formerly Yahoo) San Francisco, CA
Machine Learning Research Intern Jan - Apr 2018
- Investigated new models and algorithms for face detection and face clustering.
 - Decreased false positive rate of face detection model on circular objects from 4.3% to 0% while maintaining precision on other datasets.
 - Achieved 88% precision on clustering celebrity faces with the same identity.
- Yahoo** Sunnyvale, CA
Software Developer Intern May - Aug 2017
- Worked on new features for the new Yahoo Mail web client using ES6 and React.
 - Implemented push notifications with service workers, resulting in 73% fewer network requests.
 - Built Yahoo Mail RSVP cards to simplify user interactions with calendar event invitations.
 - Utilized the ClipboardEvent API to create a consistent copy and paste experience across browsers.
- Rangle.io** Toronto, ON
Full Stack Developer Intern Sep - Dec 2016
- Implemented features for Atlas, a company management React based web application.
 - Redesigned the user flow of forms to be more intuitive, reducing time spent by 35%.
 - Initiated development on the Atlas mobile app, implementing core features using React Native.
- Uken Games** Toronto, ON
Software Developer Intern Jan - Apr 2016
- Designed and developed features for an Unity mobile game, including a new point collection mechanic that increased event revenue by 20%.
 - Rewrote systems for managing time and local file storage to reduce technical debt and prevent potential security exploits.
- Audatex Canada** Toronto, ON
Software Developer Intern May - Aug 2015
- Wrote and optimized queries to access and analyze data in databases using PL/SQL.

PROJECTS

- EthRPG** Apr 2018
- 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** Oct 2017
- Developed a Node.js web application integrating the Riot Games API to dynamically load and display customized content to users.

EDUCATION

- University of Waterloo** Graduating April 2019 (expected)
- Honours Bachelor of Computer Science candidate