

SKILLS

- Languages: JavaScript, Python, Java, HTML, CSS, MATLAB
- Others: Express.js, React, MongoDB, Tornado, Angular, Git, Bash, SQL

EXPERIENCE

Wish San Francisco, CA, USA
Software Engineering Intern May 2019 – Present

- Created scalable internal tool that efficiently performs large MongoDB queries and optimized loading time by 67% (reducing loading time by 40s) to improve developer testing experience
- Built customer refund flow in chatbot (30k daily users) and increased satisfaction rate by 2%
- Refactored sign-up and merchant page for web app with 90 million monthly users using React

ImPLY Data Burlingame, CA, USA
User Interface Engineering Intern Aug 2018 – Dec 2018

- Developed two-factor authentication (*TOTP 2FA*) to improve security and reduce fraud risk
- Built web text editor with features including sharing and access management using Express.js
- Designed and developed iframe API allowing customers to use customized data visualizations

IBM Ottawa, ON, Canada
Software Developer Intern Jan 2018 – Apr 2018

- Implemented color comparison algorithm to automate replacing 100+ colors for web frontend
- Replaced jQuery dependency with native JavaScript for app performance and maintainability
- Developed reusable React components for IBM Cognos Analytics web app for a consistent UI

TD Bank Toronto, ON, Canada
Software Developer Intern May 2017 – Aug 2017

- Implemented microservices for token-based authentication using Node.js and Express.js
- Set up automated tests and app deployment for an efficient deployment pipeline

Software Developer Intern Sept 2016 – Dec 2016

- Built a single page web application (*SPA*) presenting business proposals using Angular
- Developed a hybrid android app showcasing innovative banking solutions using Java

PROJECTS

Moodapter (*Hackathon Award Winning*) Feb 2018
A VR game that helps user to relax using Muse headband

- Implemented backend server to handle data streams from Muse Headband using Express.js
- Received the *Muse Headband Sponsor Prize* in HTV2 Hackathon with over 500+ participants

EDUCATION

University of Waterloo Waterloo, ON, Canada
Mechanical Engineering (Management Science Option) Sept 2015 – Jun 2020

MOOC (*Massive Open Online Course*) Online
Courses: Data Structures, Algorithms, Computer Networking, Operating Systems, Design Patterns