

## SKILLS

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

## EXPERIENCE

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

- Created scalable internal tool that efficiently performs large MongoDB queries and optimizes loading time by 67% (reducing loading time by 40s) to improve developer testing experience
- Built refund flow to allow customers refund using chatbot and improve post-purchase UX
- Implemented React components for e-commerce web app with 90 million monthly active user

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

- Designed and integrated two-factor authentication flow (*TOTP 2FA*) to improve login security
- Built web text editor with features including text saving, sharing, and access management
- Implemented cloud-text data visualization providing more options to customers using D3.js
- Designed and built iframe API allowing customers to create customized data visualizations

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

- Replaced jQuery dependency with native JavaScript for app performance and maintainability
- Implemented color comparison algorithm to automate legacy color replacement process
- Built loading indicator feature for better user wait experience using ReactJS and SCSS

**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 a more efficient development environment

*IT Architect 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

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**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

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**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, SQL