

CONTACT

647 – 895 – 4999
jay.shi@uwaterloo.ca
github.com/jay-shi
jayshi.site

EDUCATION

University of Waterloo
Bachelor of Applied
Science in Mechanical
Engineering
Term: 3A
Expected Graduation: 2020

SKILLS

Languages:

- JavaScript
- HTML, CSS, SCSS
- Java

Other:

- Node.js
- Bootstrap
- Angular
- Git
- Unix
- Arduino
- Chrome DevTools
- Unit Test and FVT
- NPM, Grunt, Maven

AWARDS

- Top 10% in 2015
University of Waterloo
Euclid Math Contest
- Term Dean's Honours
List in 2017

VOLUNTEER

- Fundraiser and event
organizer in West
Neighborhood House
from 2014 May to
2015 December

Jay Shi

WORK EXPERIENCE

IBM

Jan. 2018 – Apr. 2018

Software Developer – IBM Cognos Analytics Ottawa, ON

- Adopted and added ReactJS Components to IBM Cognos Analytics Web App for a consistent and high-performance loading-indicator UI
- Improved and used IBM User Interface library to Implement a consistent color and font style UI for Cognos Analytics
- Optimized web app performance and UX by fixing SCSS defects, JavaScript defects and deleting 15+ unused SCSS style classes

TD Bank

May. 2017 – Aug. 2017

Software Developer – Innovation Enterprise Team Toronto, ON

- Developed a web app as a Proof of Concept for 5000+ TD employees using Bootstrap, Angular4, and Java
- Implemented Node.js server functions that interact with JSON Web Token and integrate with OpenID security flow
- Simplified web app Continuous Integration using Maven and NPM

TD Bank

Sept. 2016 – Dec. 2016

Software Developer – Innovation Enterprise Team Toronto, ON

- Developed Angular2 web app and Hybrid Android App as a Proof of Concept to present innovative business ideas in front of 200+ TD Enterprise Architects during TD Annual Town Hall Meeting

University of Waterloo

Jan. 2016 – Apr. 2016

Research Assistant – Faculty of Engineering Waterloo, ON

- Researched and overrided embedded functions of Barrett WAM™ Arm to solve its crashing problem

PROJECTS

Posture Helper (Hackathon Award Winning)

Apr. 2018

An android app that corrects user's posture using proximity sensors

- Implemented backend section using Node.js
- Received the *Most Creative Hack Award* in CUHack Hackathon

Moodapter (Hackathon Award Winning)

Feb. 2018

A VR game that helps user to relax using Muse Headband

- Implemented backend and API integration sections using Node.js
- Received the *Muse Headband Sponsor Prize* in HTV2 Hackathon

Memes Makes Money

Feb. 2018

A web app makes stock prediction using Google Cloud Platform API

- Implemented frontend and backend section using HTML, CSS and Node.js