JONATHAN WANG

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EXPERIENCE

Software Developer Intern
Kijiji (eBay)

📅 May 2018 - May 2019   📍 Toronto, ON

- Developed scalable back-end solutions across the web platform & microservices with **Java, MySQL, RxJava, Docker, Cassandra,** & **Spring**.
- Implemented front-end cross-promotional content with **JavaScript, HTML** & **CSS** for the launch of a new vertical platform - Kijiji Autos.
- Integrated features and bug fixes to data pipeline with eBay ensuring data consistency cross-platform using **Spring, Kafka, Dropwizard & Hystrix**.
- Executed **SCRUM** practices in **CI/CD** development cycles with **Jenkins**.

Software Development Intern
Citi Group

📅 June 2019 - August 2019   📍 Mississauga, ON

- Integrated features for the data flow aggregating and displaying trader metric reports across 6 departments using **Java, Javascript, MSDB,** & **Talend**.
- Built **RESTFul APIs** in various microservices using **Spring** & **Elastic Search**.

Teaching Assistant
University Of Toronto

📅 Jan 2019 - May 2020   📍 Toronto, ON

- Taught **Agile** development methods of **estimation, prioritization, technical infrastructure, UML, requirements elicitation & tracking** in software projects.

Interim Product Manager
Grey Software

📅 June 2020 - August 2020   📍 Toronto, ON

- Defined success metrics, feature requirements, messaging & timelines with client to develop product road map on **Confluence** for web platform relaunch.
- Led agile practices with development team through weekly sprint planning & product backlog prioritization on **Jira**.

UNIVERSITY LEADERSHIP

Director
Math & Computer Sciences Society

📅 Sept 2019 - June 2020   📍 Mississauga, ON

- **Coordinated with department faculty, chairperson & 6 student groups** to facilitate **53 events** for career growth, skill development, & community building in 8 months leading to an **additional $10,000** in upcoming funding.
- Spearheaded the end of year showcase with **500 attendees** by **managing a $7,000 event budget & leading a team of 50**.
- Grew digital marketing reach **205%** over 8 months on Instagram Mailchimp using creative promotional strategies and analyzing student needs.

Team Lead
Google's Developer Student Clubs

📅 Sept 2019 - June 2020   📍 Mississauga, ON

- Established the UTM chapter of DSC & **coordinated a team of 10** to deliver technical workshops to **200 students**.
- Launched a Community Projects course **providing 40 students the opportunity to learn best practices in agile software development** across 8 projects, each with a UofT faculty supervisor & a mentor.
- Initiated Career Paths Series **giving 150 students** the opportunity to explore the vast variety of roles in the field of technology.

EDUCATION

University Of Toronto
H.B.Sc Computer Science & Statistics

📅 Sept 2015 - June 2020 | Distinction Award

PROJECTS

Research Assistant
UofT's Interactive Media Lab

📅 May 2017 - Aug 2017

- Wrote a paper studying mobile apps as health care screening tools for cognitive impairments.
- Developed an **Android** app used in the study with **Java** & **Firebase DB** for persistent storage.

Send Foodz
Food Rescue System

📅 Jan 2020 - Apr 2020

- Mentored a team of student developers to build a **VueJS** Web App with **Node.js, Express, Vuefity** for grocery retailers donating produce to food banks through a network of drivers.
- Developed & drove roadmap execution using **JIRA** by specifying requirements via **user stories, UX/UI mock-ups,** & technical design documentation in an **Agile** development process.
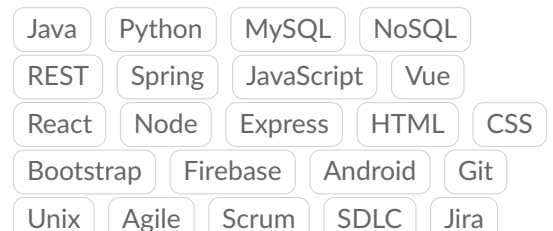
Helpp
Yelp For Charities

📅 Jan 2018 - Apr 2018

- Led team of 8 building an **Android** app with **Java** to connect people with accredited charities in a community by scraping data with **Python** into **Firebase DB** & using **Google APIs (Maps, Directions, Places)** to present suggestions.

SKILLS

Java   Python   MySQL   NoSQL   REST   Spring   JavaScript   Vue   React   Node   Express   HTML   CSS   Bootstrap   Firebase   Android   Git   Unix   Agile   Scrum   SDLC   Jira

COURSEWORK

Algorithms & Data Structures Analysis   Software Engineering   Software Design   Databases   Human-Computer Interface   Computational Complexity & Computability   Systems Programming   Game Design