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JONATHAN WANG

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GITHUB	LINKEDIN	WEBSITE
github.com/jonathanwangg	linkedin.com/in/jonathanwangg/	jonathanwangg.github.io/

SKILLS

PROFICIENT		FAMILIAR		CURRENTLY LEARNING
Python	Ruby	Java	Git	Computer Networking
TypeScript		SQL	React	C++

WORK EXPERIENCE

Software Engineer Intern **Microsoft** May – Aug 2019
- Built a Visual Studio Code extension from scratch using TypeScript, Python, and React
- Implemented multiple sensors, telemetry, and tests for a hardware simulator inside a webview
- Incorporated a serial monitor for communication between the physical device and our extension

Full Stack Web Developer Intern **SAP** Sept 2018 – May 2019
- Delivered features used by tens of millions of users of SAP Jam collaboration software
- Wrote RSpec unit / integration tests and Watir UI automation test suites in Ruby
- Developed multiple report generation tools using Rails for customers using the collaboration app

Software Development Intern **Momentus Software** May – Sept 2018
- **Geodesic**
  Technologies: JavaScript, HTML, CSS, AngularJS
  - Created a 3D model in JavaScript to help visualize 20,000+ data points for Shell's web application
  - Implemented an FAQ page to help users understand how to use the web application
- **Signal**
  Technologies: ES6, CSS, React
  - Created an interactive timeline that was in-sync with a 3D animated geodesic sphere
  - Implemented toggling of customer profiles with 3D animations for a web application

EDUCATION

Vancouver, Canada **University of British Columbia** Sept 2015 – Present
- BSc. Combined Major in Computer Science and Statistics
- Expected graduation date: Dec 2020

TECHNICAL EXPERIENCE

Projects
- **Vancouver Airbnb Price Prediction (Personal)** April – May 2018
  Technologies: Python, scikit-learn, pandas
  - Trained multiple regression models to predict Vancouver Airbnb prices using machine learning
  - Determined the most important factors for predicting listing prices using feature selection
  - Performed exploratory data analysis on Airbnb listings dataset

- **GSMS (School – Group)** Sept – Dec 2017
  Technologies: TypeScript, SQL, HTML
  - Built a UI for a grocery store management system to be used by employees
  - Used HTML and CSS for the front-end and SQL, TypeScript for the back-end
  - Incorporated a server and database to process real-time employee queries

- **insightUBC (School – Group)** Sept – Dec 2017
  Technologies: TypeScript, RESTful API, HTML
  - Constructed a query engine for UBC courses and rooms based on specified aggregation parameters
  - Provided a RESTful API for our application implemented in TypeScript
  - Used JSON and HTML parsing to parse through UBC courses and rooms data