

Angela Dai

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Education

University of British Columbia – Bachelor of Commerce

GPA: 3.95/4.33 | Graduating: May 2021

- Specialization: Combined Major in Business and Computer Science
- Relevant Coursework: Data Structures and Algorithms, Machine Learning
- Awards: Dan Gardiner Outstanding New Student Award, Dean's Honour List

Work Experience

SAP – Cloud Engineering Intern

Vancouver | Sep 2019 – Apr 2020

- Restored service disruptions with the DevOps Engineer on Duty for the SAP Cloud Platform, a globally distributed system that supports 200+ SAP services and 10,000+ customers
- Reduced the service restoration time by developing features that prevent human error when using the internal incident management tool, with Python
- Initiated UI automation testing for internal tool smoke testing, developed with Django and Selenium
- Created a team onboarding manual to simplify onboarding and knowledge transfer

Best Buy – Software Developer Intern

Burnaby | May 2019 – Aug 2019

- Generated \$1.1 million in revenue by reintroducing and renovating the search autocomplete feature
- Spearheaded accessibility improvements to the search bar for a better customer experience
- Implemented front-end features with React, JavaScript and CSS; Developed back-end API with SOLR, React, Groovy and Jenkins; Tested features with Katalon, Selenium and JQuery
- Presented features biweekly to 75+ colleagues, including VP E-Commerce, for a team of 30

Technical Projects

Sense – Business Prize at SAP iXp Hackathon

Group Project | Nov 2019

Sense is a React Native app that warns users about forest fires based on data received from Raspberry Pi devices placed in forests.

- Created a physical working prototype using a Raspberry Pi, temperature and humidity sensors and a camera module, without prior hardware experience
- Implemented a Python script predicting the likelihood of a fire using sensor data and a machine learning model created with TensorFlow Lite and Teachable Machine, without prior machine learning knowledge
- Presented a live demonstration of Sense using multiple photos of fires, earning the Business Prize

Flow – Most Popular Vote at Girls in Tech Hacking for Humanity

Group Project | May 2019

- Built a React app to promote water conservation by tracking water usage with an Arduino

Skills

Python
Agile

Java
Git

JavaScript
Linux

Django
HTML

React
CSS

Interests

Yoga, Cooking, Reading, Redesigning old clothes, Volunteering for women in tech initiatives