

Andrea Tang

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WORK EXPERIENCE

Junior Developer Co-op ▪ [PNI Media](#)

Sept 2019 - April 2020

- Resolve issues, update promotional content, fulfill UI/UX requests, and implement new features on various web applications for Costco, Sam's Club, and Staples, which were developed with **Angular** and **ASP.NET**

Tech Lead & Project Coordinator ▪ [UBC Emerging Media Lab](#)

Feb 2019 - Aug 2019

- Delegated project tasks to a team of 5 student developers during weekly **Scrum** sprints, while providing guidance and conducting code reviews
- Designed and implemented features of educational tools in the form of VR and AR experiences in **C#** on the **Unity Game Engine**

Machine Learning Intern ▪ [Synaptitude Brain Health](#)

May - Aug 2018

- Developed a conversational agent that aims to regulate users' sleep cycles through daily reminders and progress tracking; written in **Python**
- Chatbot response flow and natural language processing developed using **Rasa Core/NLU**, a machine learning toolkit

TECHNICAL PROJECTS

FTP Server ▪ [CPSC 317 Internet Computing Assignment](#)

Jan 2019

- Worked with a partner to build an FTP Server implemented using **Java** sockets according to the RFC 959 specifications

Events Venue DBMS ▪ [CPSC 304 Relational Database Project](#)

Oct - Nov 2018

- Collaborated in a team of 4 to create a relational DBMS that allows querying for info on sporting events and concerts through a CLI
- Multi-user login system implemented using **Java** and **SQL** with **JDBC** connecting to the **MySQL** database

Public Transit App ▪ [CPSC 210 Software Construction Project](#)

Oct - Dec 2017

- Implemented an **Android** app in **Java** to parse BC Translink API in **JSON** and **XML** to provide live transit updates on a bus stop map
- Used **OOP** standards to design classes that handle buses and bus stops while creating **JUnit** tests for test-driven development

EDUCATION

Bachelor of Science in Cognitive Systems

09/2015 - 04/2021

University of British
Columbia

TECHNICAL SKILLS

Languages

C	JavaScript
C#	Python
C++	SQL
Java	

Development Tools

Angular	jQuery
ASP.NET	MySQL
Git/GitHub	Microsoft Azure
HTML/CSS	Node.js*
JIRA	React*
JupyterLab	

* currently learning

INTERESTS

Film & Digital Photography
True Crime Podcasts
Pilates ▪ Scuba Diving
Traveling ▪ Surfing
Houseplants