

CINDY LIU

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TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C++ , C

Web Development: React, HTML, CSS, Javascript, Node.js, ASP.NET Core, Bootstrap

Database: MySQL, PostgreSQL, Firebase

Tools: TestRail, Jira, Git, Docker, Bash, FSL, Node-RED, Figma, Postman, Lucidchart, LaTeX

EXPERIENCE

Software Developer Intern

May. 2022 – Dec. 2022

Vidyard

Remote

Junior Full Stack Developer

Jan. 2022 – Present

Calico Logic

Vancouver, BC

Application Analyst Intern

Aug. 2021 – Dec. 2021

Serco Inc.

Remote

- Analyzed and summarized Google Analytics into easy to understand interactive data visualizations and create UML diagrams to explain business needs and use cases (*SQL, Google Analytics, Lucidchart, Excel*)
- Implemented bug fixes and stylistic improvements with the web development team on a website with more than 10,000 daily users (*Angular, CSS, HTML*)

Software QA Intern

May 2021 – Aug. 2021

Serco Inc.

Remote

- Planned, coordinated and implemented both manual and automated testing projects in a timely manner to ensure that applications are within system requirements (*Jira, TestRail*)
- Worked collaboratively with QA, IT, development, and business groups to complete comprehensive testing on 5 major new releases, one of which reduced bandwidth and improved user's login wait time by 30 minutes

Developer/ Product Designer

Jan. 2020 – Apr. 2021

Neurotech University of Toronto, Headset Team

Toronto, ON

- Involved in the end-to-end development of a EEG headset that was awarded 3rd place in NeuroTechX Student Headset Competition (*Python, Docker, Arduino, CAD, Git*)
- Developed application using Python to map electrode placements to user's unique head according to 10/20 system

PROJECTS

SmartShopper | *HTML, CSS, Javascript, Firebase, Bootstrap, Figma, Git*

Oct. 2021 – Dec. 2021

- Collaborated with 2 computing students to create a web application that allows users to filter reviews, price, and availability by interacting with a user friendly UI that communicates with the database

2021 | *Python, Git, Lucidchart*

Nov. 2021

- Developed a text-based role-play adventure game based on true events that happened in 2021

apneAI | *Python, R, Git*

Mar. 2021

- Developed a software that read brain (EEG) signals and automatically predict apnea events during sleep using Gaussian Naive Bayes Classifier ML algorithm
- Conducted feature extraction to differentiate between apnea and non-apnea and classify them into different epochs as inputs to the training model

Smart Stove | *C++ , JavaScript, Git, Node-RED, Arduino, Adobe XD*

Mar. 2020

- Developed product that monitors the temperature, gas level, and humidity, was awarded Best Hardware Hack
- Implemented continuous delivery of real-time data to user's mobile or desktop device with graphs and meter visualization

EDUCATION

University of Toronto, Trinity College

Toronto, ON

Honours Bachelor of Science in Neuroscience and Ecology & Evolutionary Biology

Sept. 2016 – Jun. 2021

British Columbia Institute of Technology

Vancouver, BC

Diploma in Computer Systems Technology

Sept. 2021 – Jun. 2023