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
Databases: MySQL, PostgresSQL, 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 – April 2022
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 *(Microsoft SQL Sever, 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

LinkAge| *Twilio API, HTML, CSS, Javascript, Firebase, Bootstrap, Figma, Git*   Mar. 2022
- Web application created to alleviate loneliness in the elderly by connecting them to vetted volunteers through video and text chats, **winner of Telus, Hootsuite,** and **Twilio challenges**

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*