Sam Lee

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Skills

Python, Java, C, HTML, CSS, Linux, JavaScript, SQL, and R

Relevant Work Experience

QA Analyst @ theScore   Jan 2024 – Aug 2024
- Worked on 17 releases on wagering team and conducted **regression testing**, **backward compatibility**, **migration testing**, and **production smoke testing** in different environments (UAT, Demo, and Staging) and devices (android, iOS, web) for theScore Bet and ESPN (~3000 test cases)
- Created 5 new functional tickets on **JIRA** and **Confluence** by identifying bugs on production environment, signed off on ~140 functional tickets (including 2 new features related to the rebranding of market logo and the recommendation of certain popular markets to display on the home page) by creating new test cases on **TestRail** and writing report
- Participated in a weekly stand up by occasionally leading a session and helping other co-workers and from different department need clarification on wagering

Software Developer @ Venture Canada   May 2023 – Jun 2023
- Used **PHP** programming language to implement an interactive web-based platform for delivering math practice problems to students
- Designed and implemented a diverse collection of short math practice problems of 100 questions

Software Developer @ Ruii   Mar 2023 – Apr 2023
- Implemented additional web plug-ins, enhancing customer engagement and satisfaction by using **HTML** and **CSS**
- Optimized the website by understanding UI/UX principles, cross-browser compatibility, and adhering to general web functionality and standards
- Collaborated closely with cross-functional teams, fostering teamwork and effective communication while consistently meeting project deadline

Hackathon

Roborama
- Designed and developed a Line Bot which through chassis design, electronics assembly, and software programming through **Arduino**
- Presented our product to judges and ~80 participants

CSHub Local Hackday
- Developed a sophisticated search engine that enables students to efficiently retrieve contact information for various university services and departments based on user input / keywords, including portion of known name, phone number, or email address
- Leveraged **Python** and harnessed power of libraries: PySimpleGUI, **pandas**, and tabulate to build a user-friendly and robust application
- Presented our solution to 3 judging panels and ~100 participants, showcasing effective communication, teamwork, and presentation skills

Projects

Weather Mobile App
- Designed and developed a weather app displaying min, max, and current temperature along with date and time of the specific location input into the app
- Utilized **React Native**, **React**, **Node**, **Express**

Discord Bot
- Designed and developed a discord bot featuring a semi-functional Pokedex, enabling users to seamlessly retrieve detailed information about any Pokemon of their choice
- Used **Python**, Discord Bot application, and **Poke-API**

Research Paper @University of Toronto
- Draft research paper called *A comparative assessment of the health condition recently planted native and non-native soft fruit-bearing and non-soft fruit-bearing tree species in Brampton, Ontario.*
- Collected and analyzed raw data during a summer internship with the city of Brampton by using **R**.

Education

York University

Honours Bachelor of Science in Computer Science (3rd year)   Sept 2022 – Apr 2026