

Orel Ben Neriah

Year 4, Computer Science Major (BCS)

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TECHNICAL SKILLS

Programming: Familiar with C/C++, Java, JavaScript, and Python.

Tools/Environment: Utilized Git/GitHub, Visual Studio Code, IntelliJ, WebStorm, PyCharm.

Web: Familiar with HTML5, CSS, JavaScript. Currently learning React.

PROJECTS

Portfolio Website (Personal) Dec 2021 – Present

- Creating a static portfolio website using HTML, CSS, JavaScript and React following basic website layout, implementing a pleasing colour scheme, allowing for simplistic and easy navigation using React Router.

YogaVision (Hackathon – BCS HACKS – 1st place) Mar 2022

- Utilized MediaPipe's Pose API, a machine learning body tracker, to build a website that features a yoga pose analyzer that compares the user's pose with that of our model and provides a score.
- The Project was built with four other individuals, utilizing JavaScript, React.js, React Webcam API, Google's MediaPipe API, Material UI, and was deployed using firebase.

SpeechScript (Hackathon – nwHacks) Jan 2022

- Worked in a team of 4 to Combine Microsoft Azure's speech-to-text API with OpenAI's codex API to enable a user to generate code by speaking
- Utilized JavaScript with the REACT framework to layout and implement the functional components
- Implemented the design of the website using HTML and CSS

navigator (Hackathon – HackCamp – 3rd place) Nov 2021

- Created a Google Chrome extension that helps users navigate a website using the arrow keys; figured out how to map a webpage using the focusable items to allow users to navigate through the webpage

CodeBank (Academic) Sep – Dec 2021

- Created a code snippet storage app using Java by applying OOD principles including design patterns
 - Designed and implemented a GUI using Java Swing library
 - Tested the program using JUnit and debugged and fixed bugs using IntelliJ to create an error-free application
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PROFESSIONAL EXPERIENCE

Security Officer, Paladin Security, UBC Hospital, Vancouver Aug 2018 – Aug 2020

- Conducted patrols to ensure safety by examining areas for any safety hazards; attended calls to assist with safety concerns in a wide range of situations; wrote detailed reports to provide an accurate record of events

Assistant Instructor, FKPMMA, Vancouver Jul 2012 – Apr 2018

- Taught martial arts to adults and kids of all ages and skill levels in groups of up to 40 individuals.
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EDUCATION

Bachelor of Computer Science, University of British Columbia, Vancouver Sep 2021 - Present

Bachelor of Arts (Criminology), Simon Fraser University 2020

Certificate in Police Studies, Simon Fraser University 2020