

Sanghyun Park

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(236)-777-9950

github.com/shp2018

EDUCATION

Simon Fraser University - Diploma, B.Sc. Computer Science

Sep 2021 - current

Burnaby, BC

WORK EXPERIENCE

SCEM - Smart Construction Equipment Management - Freelance Software Developer

Feb 2023 - current

Vancouver, BC

- Collaborated with other programmers to create a professional web-app using React.js which would be used by the customers of the company
- Linked web-app with back-end database and wrote functions to send and receive data by the user
- Implemented unit tests for all functions used, fixing bugs and increasing efficiency of the web-app

Self-Employed - Private Tutor

Sep 2022 - current

Burnaby, BC

- Trained students for national-level math and computing competitions including the Canadian Computing Competition and various math competitions
- Trained students for the AP Computer Science A exam, where most of my students scored 4 or above

Robokids Burnaby - Coding/Robotics Instructor

Apr 2022 - current

Burnaby, BC

- Instructed over 40 children from ages 9 to 16 in coding and robotics using programming languages and building blocks that fit their age and skill level
- Coached multiple robotics competitions hosted by the Robokids company branches around British Columbia, helping out students build great ideas and gain experience and competitive robotics
- Trained students for national-level math and computing competitions including the Canadian Computing Competition, where many of my students gained great results
- Planned a full curriculum and hosted a two-week summer camp that involved flying and coding drones using tablets

Choices Market - Grocery Clerk

July 2021 - April 2022

Vancouver, BC

- Assisted customers with locating items on and off the sales floor, providing product suggestions when required
- Maintained appropriate inventory levels and ensured accurate pricing on products received and sold
- Reported product ordering and shipping discrepancies to the department manager

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PERSONAL PROJECTS

SFU Rate My Professor Chrome Extension - *Javascript, Jest, HTML5 CSS, Chrome API*

- First Chrome extension made for students in SFU for looking up professors while course planning
- Gives students accurate ratings and reviews on professors by collecting and using data from SFU Academic Calender and Rate My Professor
- Made easily accessible by just hovering over professor's name on SFU enrollment webpage

SFU Burnaby Lost items reporting web-app - *Angular.js, Rest API, HTML, CSS, JavaScript*

- Lost item reporting web-app created using Angular.js
- Using map API and backend database receive and store information of lost items including location and type of item
- Lost item shown as pin on the map and when retrieved, status changed to found and removed from map

League of Legends API - *React.js, Riot Developer API, HTML, CSS, JavaScript*

- Statistic checking web-app for the video game League of Legends by Riot Games
- Dynamically shows user information about the game and account statistics using the Riot Developer API

Face Detection and Recognition Software - *C++, OpenCV*

- Software that detects human faces and draws a square border around each face, and giving the face count
- Recognizes saved faces and outputs the recognized faces' name beside the face border
- Option to use webcam to detect faces or to add new user to recognize

TECHNICAL SKILLS

- **Languages:** HTML, CSS, Python, Java, JavaScript, TypeScript, R, C, C++, C#, SQL
- **Frameworks/Libraries:** React.js, Node.js, Angular, Node.js, Jest, Bootstrap, JUnit, Firebase, JQuery, OpenCV, Numpy
- **Technologies:** Git, Github, Maya, Blender, Unity, VS Code, IntelliJ, PyCharm, Xcode

CERTIFICATIONS & COURSES

- Johns Hopkins University, HTML, CSS, and Javascript for Web Developers
- Complete C# Unity Game Developer 3D
- Complete 3D Animation in Maya
- Complete Blender Creator: Learn 3D Modelling