

AAYUSH NANDA

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EDUCATION

- Bachelor of Science**, University of British Columbia, Vancouver, B.C. Completion: '20
- Major: Computer Science
 - Key courses: Software Construction, Introduction to Software Engineering, Basic Algorithms and Data Structure, Computer Hardware and Operating Systems, and Introduction to Artificial Intelligence
- Explore Program**, Université de Montréal, Montréal, Q.B. July '17 – Aug. '17
- Purpose: French exchange program

WORK EXPERIENCE

- Information Services Technologist**, *Surrey School District*, Surrey, B.C. Sept. '20 – Present
- Assist in the troubleshooting of hardware, software, and networking problems throughout 128 schools
 - Prepare, configure, image, and deploy 1500+ devices throughout the District (Laptops, desktops, MacBooks, iMacs, iPads, Apple TVs) and maintain an inventory database
 - Assist in migration of content and resources from previous Surrey Schools website to the new one, using Excel as a planning resource
 - Plan and conduct training sessions for district staff affected by website transition
 - Work closely with district staff to garner feedback and integrate it into the new website
- Web Developer**, *Monark Group*, Surrey, B.C. Apr. '18 – Aug. '18
- Modified website functionality using HTML and CSS to increase responsiveness across all customer devices
 - Increased accessibility of a product website by adding new language functionality
 - Redesigned and rebuilt website for company project using C#, HTML, and CSS by utilizing the ASP.NET MVC framework; increased online sales by 10%

PROJECTS

- Developer**, *AngelHacks 2.0*, Vancouver, B.C. Feb. '21
- Created a mobile application, *exerFlow*, which acts as a personal trainer by using machine learning and gridlines to detect improper user postures
 - Used React Native with Expo to create the app and navigate between screens
 - Used the PoseNet library from TensorFlow to train the AI
- Developer and Technical Lead**, *Foundation*, Vancouver, B.C. June '20
- Created a web application to facilitate online learning for physics students from grades 8 to 10
 - Implemented the front end in bootstrap, the video game in pygame, and the Instagram filter in Spark AR
 - Guided team through technical aspects of implementing online game and using collaborative resources such as GitHub and Figma
- Developer**, *InsightUBC*, Vancouver, B.C. Jan. '19 – Apr. '19
- Collaboratively completed a full stack web development project which handles metadata from the University of British Columbia
 - Used Typescript to enable effective importing and querying of data about offered courses

SKILLS AND INTERESTS

Languages and Tools: Java, C, C++, C#, Typescript, HTML, CSS, SQL, and Git

Interests

- Artificial intelligence, web development, and data science
- Breakdancing, drumming, traveling, hiking, and all types of physical activity
- Leading and organizing educational seminars and events