Anirudh Duggal

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EDUCATION

University of British Columbia · Vancouver, BC, CA
Combined Bachelor of Science in Computer Science and Statistics · *Graduated May 2023*

Courses Taken : Data Structures and Algorithms, Machine Learning and Data Mining, Computer Vision, Relational Databases, Statistical Inference for Data Science, Probability, Methods for Statistical Learning, Reproducible and Trustworthy Workflows for Data Science.

EXPERIENCE

Android Developer Intern | *React Native* · Sep. 2022 – Nov. 2022
Seleste · *Vancouver, BC*

- Developed a user profile page and a settings page to increase app functionality by **25%** by developing in React Native for AndroidOS
- Implemented the saving of user profile changes to the database by writing the functions that made the API calls and integrating the front and back-end services
- Collaborated with a team of 3 developers to avoid pipeline conflicts by developing components in a timely and orderly fashion

Software Developer Intern | *HTML, CSS, Next.js* · Jan 2022 – May 2022
Nautical Crime Investigation Services · *Vancouver, BC*

- Designed and developed a novel website in a custom tech stack for a self-hosted single-page application that displayed nautical crime information
- **Led the A/B testing** and continuous development for the novel website design and custom tech stack
- Researched ML models and their applications to nautical crime under separate crime baskets

Software Developer Intern | *React.js, Node.js, CSS* · Sep. 2021 – Oct. 2022
Hackspace for Innovation And Visualization in Education · *Vancouver, BC*

- Increased online traffic by **over 40%** by developing a new website that centralized relevant information and links for university students and faculty
- Increased backend operation speeds by **15%** by implementing search and delete functionalities for a seamless user experience with Node.js and MongoDB
- Increased deployment speeds by initiating CI/CD workflows on Azure cloud for WebGL-related projects and student portal
- Designed a content management system home page that enabled clients to upload their digital assets

PROJECTS

Lifter | *React Native, SQLite, Expo*

- Developed an android application in React native that communicates with an SQL database to track users' gym lifts over time
- Provide users with a visual display of their analytics to allow for easy understanding of progression over time

Movie Search | *React, Git, REST API, Postman*

- Developed a movie search website where users can look for movie titles, posters, and year of release
- Queried API database and parsed the JSON data to display relevant information to the user with infinity scroll

Varga App | *React, Git*

- Developed front-end components for a mobile app that connects university clubs and students
- Advised my team on user interface upgrades for a cleaner user experience

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R, Java, .NET
Frameworks: React, React Native, Node.js, Express.js, JUnit, Material-UI
Developer Tools: Git, Microsoft Azure, VS Code, Visual Studio, PyCharm, IntelliJ, Docker
Libraries: pandas, NumPy, Matplotlib, SciPy