MATHEW DE VIN

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EDUCATION

THE UNIVERSITY OF BRITISH COLUMBIA

Bachelor of Science - Computer Science │ 91% GPA │ Sep 2018 - April 2022

- Developed collaboration and team-based skills while achieving top grades, and maintaining the Dean's list.
- Nominated to receive the upper-level computer science award.

WORK EXPERIENCE

LEAD FRONT-END ENGINEER

The University of British Columbia │ Sep 2021 - April 2022

- Refactored and modernized 30 plus different web page interfaces by implementing Taiga UI, a modern component library, while introducing responsive design and project scalability.
- Increased management and organization of over a thousand questions.
- Followed code formats and requirements while ensuring code stability with hundreds of regression tests using Karma and Jasmine.

FULL-STACK ENGINEER

The University of British Columbia │ May 2021 - Aug 2021

- Removed and refactored thousands of lines of redundant code all the while implementing new code aided by code standards and unit tests to ensure code stability.
- Saved thousands of dollars in salary by automating test data generation, Improving and generalizing the algorithm used to drastically decrease the time required to form teams by 90%.
- Performed day-to-day requirements in an agile-esque lifecycle, reviewing hundreds of lines of code, upholding pull request requirements and commit message formats when writing code.

PROJECTS

CANVAS GAMIFICATION

Angular, Typescript, Taiga UI, Jasmine, Karma, Django, Python │ Sept 2021 - May 2022

- An online platform that allows university students to learn and grow in their programming skills.
- Piloted in a university-level course with over 150 students.

COMPUTATIONAL PUZZLES

Next.js, SCSS, Prisma, NextAuth.js, MapTiler Cloud API │ Sept 2021 - Dec 2021

- Hybrid approached scavenger hunt that helps young kids develop computational thinking skills.
- Designed mockups and developed multiple pages allowing users to interact with puzzles.

TEAMABLE ANALYTICS

Django, Python, HTML/CSS, JavaScript, JQuery, Twitter Bootstrap │ May 2021 - February 2022

- Algorithmically determined team formation from survey and peer evaluation responses.
- Canvas-LMS API integrated and piloted by 6+ university classes alongside 1000+ students.

POSTN

React.js, Tailwind CSS, Headless UI, Axios, Node.js, Express.js, Sequelize ORM │ March 2021 - April 2021

- Online discussions forum website where users can write posts, and comment on each other.
- Designed mockups and developed pages from login/signup to post creation and comment threads.

SKILLS & INTERESTS

Javascript, Typescript, React.js, Redux, Next.js, Angular, Node.js, HTML, CSS, SCSS/SASS, Python, Git, REST APIs, User Interface Design (UI), User Experience Design (UX), Figma