Matteo **Miceli**

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604-842-4310
github | portfolio | linkedin

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, C#, PHP

Tech: Node.js, Express.js, React, Next.js, Vue.js, Tailwind CSS, jQuery, MongoDB, MySQL, .NET

Tools: Agile (scrum), Unit Testing, Git, Docker, Figma, AWS, Linux

RELEVANT EXPERIENCE

TEDxSFU | Web Developer — *APR. 2021 - NOV. 2021*
- Developed an event site using **React** with **Gatsby**, collaborated with the design team to ensure the final product best reflected the design spec and accessibility best practices
- Built a horizontal scrolling component from scratch that allowed for accessible navigation across touchscreens, trackpads, and mice

VANCOUVER POLICE MUSEUM & ARCHIVES | Web Designer — *AUG. 2020 - SEP. 2020*
- Audited and remapped existing pages, creating a more streamlined site map and used Wix to design a new site with greater functionality, improved user experience, and navigation
- Created documentation and design guide outlining site standards and best practices, allowing non-technical museum staff to continue to maintain the site on their own

PROJECTS

MINERVA | Collaborative Project — *JAN. 2022 - APR. 2022*
- Developed a collaborative markdown editor with github integration using **TypeScript**, **Electron**, **Vue.js**, and **Socket.IO**
- Leveraged **Codemirror 6** to build a central document authority that uses web sockets to sync updates between clients for fast, real-time collaboration on files over 6,000 lines long
- Implemented client text editor in Vue.js and made it extensible with web socket support via Socket.IO and github integration using simple-git

RUNIK | Collaborative Project — *SEP. 2021 - DEC. 2021*
- Led a team of six in the development of a **React** web app that generates custom e-reader dictionaries for your favourite fictional worlds, voted best project by a panel of industry professionals out of 30+ projects
- Leveraged the recently released Chrome File System Access API, allowing users to download dictionaries directly to their Kobo e-reader without leaving the browser
- Wrote a microservice that **Dockerized PyGlossary**, handling the remote conversion of dictionaries containing 15,000 + entries and a **Next.js AP**I to manage their storage and retrieval using **MongoDB** and **AWS S3**

EDUCATION

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Diploma, Full Stack Web Development — *SEP. 2020 - JUN. 2022*

SIMON FRASER UNIVERSITY

Bachelor of Arts (Honours), Criminology — *SEP. 2013 - MAY. 2018*