Brendan Lynch

250 – 701 – 5417
github/brendanml
directbrendan@gmail.com
in/brendanml
brendanml.com

EDUCATION

University of Victoria   *May 2021 – Present, Victoria, Canada*
BSc in Computer Science, Third Year
· Proudly completed my transfer into Computer Science after returning to school and **exceeding** transfer requirements.

PROJECTS

Map Engine – *2D RPG tile map engine*
· Map engine is a **C/C++** map editing engine I built to help me develop 2D RPG games.
· An update, draw loop repeatedly draws **raylib** vector graphics to the screen.
· Features multiple drawing/erasing tools, different drawing modes, and an output map state saving feature.

Campies – *Campsite review React app*
· Web app enabling where users can post and review local campgrounds.
· **Express** route handlers receive user submitted requests to create, view, review, and delete campgrounds.
· **JSON** payloads are de-structured and user data is parsed and stored in **MongoDB**.
· Leveraged **REST API** to seed database with images.
· Styled with the Bootstrap **CSS** framework.

Farm Time – *Humble 2D, top-down farming game*
· Farm time is a 2D RPG written in **C/C++** with no game engine.
· Features an inventory system, harvesting crops/chopping trees, and player movement.
· Customizable terrain system using 2D integer arrays.

OTHER TECHNOLOGIES

· **Java**: Prim's Algorithm visualizer.   · **Python**: Simple web server.
· **SQL**: Assignments implementing queries and relations.   · **React**: Weather app featuring sequential REST API calls.

CERTIFICATIONS

Full Stack Open   *Dec 2023 – Present*
by The University of Helsinki
· Wrote and debugged **React** web apps with browser extension.
· Interfaced with **REST APIs** using **Axios**.
· Properly managed state to make sequential API calls.

Web Developer Bootcamp   *July 2021 – Jan 2023*
by Colt Steele
· Rendered markup with **HTML** and **EJS.**
· Styled with **Bootstrap** and vanilla **CSS**.
· Deployed full-scale **CRUD** web applications utilizing **Express** for route handling, **MongoDB** to store user and website data.
· Used npm to manage many packages (ex. bcrypt for user login encryption, Joi for schema validation, cookie for cookies).

WORK EXPERIENCE

Canada Post Company   *July 2020 – Present, Victoria, Canada*
Letter Carrier
· Comfortable with fluctuating workloads and meeting deadlines as parcel volumes routinely increase during winter times.
· Tackled new delivery routes every day in and around the Greater Victoria Area.

VOLUNTEERING

Rotaract   *January 2024 – Present*
· Passionately contribute my time to community service projects to make meaningful impact on local communities.