Ethan Posner – Software Developer

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- **LinkedIn (linkedin.com/in/ethanposner/)**
- **Github (github.com/enprogames)**
- **Personal Website (ethanposner.com)**

SKILLS

Python • Java • C++ • Frontend Web Dev

SQL Databases • PHP • Cloud Hosting

Docker • Backend Web Dev

OBJECTIVE

Secure a full-time software developer co-op position for the summer of 2023. This would allow me to learn and expand my skills, as well as utilize my skills and abilities gained through school and work.

HIGHLIGHTS

- Formal education and experience in managing software projects: requirements, design, implementation, testing, and maintenance.
- Successfully implemented several complex software projects which required quickly learning new tools.
- Proficient at object-oriented programming in Java, Python, and PHP.
- Strong knowledge and interest in algorithms.
- Education and experience with implementing systems using object-oriented design.
- Industry experience and education in managing source control for large projects using GIT.

WORK EXPERIENCE

Software Engineer, River City Future Technologies Ltd, Campbell River, BC
May-August 2021 ; May-August 2022

- Worked as a lead developer in fast-paced, high-pressure environment.
- During a period of high-pressure, successfully setup up a database system with a two-week deadline.
- Successfully learned Docker, and deployed web application using Amazon Web Services without prior knowledge.
- Implemented a web application using the Python programming language and the Django web framework that continues to serve its purpose today.
- Modified graph algorithm to support our use case.
- Industry experience and education in managing source control for large projects using GIT.

Full Stack Web Developer, Bytedeck Learning Society , Remote
May-August 2023

- Worked on existing web application, providing maintenance and upgrades.
- Successfully worked in complex, collaborative version control environment.
- Implemented new features which involved in-depth knowledge of current database, as well as careful modification to it.

Computer Science - North Island College, Campbell River, BC 2020-2021

- Dean's List

B.Sc. Computer Science 4th Year - Vancouver Island University, Nanaimo, BC 2021-Present

- Maintained above 4.0 GPA in all courses to date.
- Dean's List

EXTRACURRICULAR ACTIVITIES

Sustainability and Post-Pandemic Recovery Competition, TECHNATION, Nanaimo, BC   March 2022

- Required to create product which would help make work more sustainable in a post-pandemic world.
- Developed and presented, as a team, the idea of reducing a building's energy usage through automated window blinds; placed top 5 in Canada.
- The window blinds from our idea could control the amount of sunlight coming into a building to effectively heat/cool a building. This would reduce the cost of heating and air conditioning.
- Effectively presented our idea under the pressure and constraints of the situation.

PROJECTS

SQL-Injection Example Website

- Demonstrates how the prevalent SQL injection security vulnerability is used and can be protected against.
- Implemented using fully-fledged Python/Django web backend with database and user authentication.

Flashcard Tool

- Implemented graphical user interface and database using Python
- Useful study aid when memorizing terms and definitions.

REFERENCES: Available upon request.