Kyle Telnes

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SKILLS

Programming Languages: **Dart, JavaScript, HTML, CSS, SQL, Golang, Python, C/C++**
Developer Tools: **Visual Studio, Android Studio, VS Code, Git, MongoDB, mySQL**
Operating Systems: **Windows, macOS**
Frameworks: **Node Express, Bootstrap, NodeJS, Flutter**
Professional Skills: **Open-Minded, Collaborative, Adaptive, Strong Work Ethic**

EDUCATION

Bachelor of Science in Computer Science (*Graduation expected 06/2023)*
Seattle Pacific University | *(2019 – present)*

- Relevant Coursework: **Data Structures 1 and 2, Netcentric Computing, Cybersecurity Fundamentals, Operating Systems Programming, Applications Programming, Algorithms Design and Analysis**
- 3.82 GPA, Dean's List 6 Quarters

EXPERIENCE

Software Engineer Intern *(07/2022 – 09/2022)*
EZ Stickerbook | *Bothell, WA*

- Designed and implemented UI elements in a multi-platform Flutter application.
- Integrated Google services like Classrooms and Docs into the application using their respective APIs.
- Integrated Sign in With Google into the application using the OAUTH 2.0 authentication flow.

PROJECTS

Graduation Planning App (School Project) (*10/2022 - Present*)

- Worked in a team of six to develop a course-planning application for students at SPU.
- Designed a mySQL database to hold information about courses at SPU, as well as user info.
- Led the design and implementation of the backend API for the project, using Node.js and Express.

Course Flowchart (School Project) (*03/2022*)

- Collaborated with a partner to design a Python program to create a course sequence flowchart for three majors at SPU.
- Used the Python igraph library to store courses in a directed graph and matplotlib visually organize the flowchart.
- Developed functions for users to apply constraints, affecting the output of the flowchart.

4Point Parser in Golang (School Project) (*10/2021*)

- Developed a lexical analyzer and parser given the grammar of a made-up programming language 4Point.
- Designed the parser to convert 4Point code into equivalent Scheme and Prolog code.

Library Database (School Project) (*05/2021*)

- Built the front and back end of a web app displaying book information using HTML, CSS, MongoDB, and NodeJS, deploying it to Heroku.
- Designed and implemented a REST API using Node Express, creating endpoints for CRUD operations.