Carter Mooring

carterkekoa@gmail.com **-** 360.913.1428

Permanent Address: 402 Rhodora Heights Rd,
Lake Stevens, WA, 98258

Education

Bachelor of Science
Major: Computer Science (With **Math Minor**)
-Gonzaga University, Spokane, WA   **Expected Graduation: May 2021**
GPA: 3.06
-Saint Louis University, Madrid, Spain   **January-May 2019**

Projects

- **FiDDL (Face iD Door Lock)**   **Developed 2020**
  - Personal proposal senior design project. This is a Flask web app that allows users to register an account and upload photos. These photos are used with OpenCV facial recognition to allow hands-free user access to their home using Smart Doorbell and Lock API communication. Url can be given upon request.
- **MyPL Interpreter (Program)**   **Developed 2020**
  - A program that implements a lexical analyzer, a recursive descent parser for syntax analysis to return an Abstract Syntax Tree, semantic analysis for type checking, and pure AST interpreter that work together to interpret the basic language MyPL (written in python).
- **Find Me An Event (Website)**   **Developed 2019**
  - This is a website made using React, HTML, CSS, and Javascript. It used the Spotify API and Ticketmaster API to find a user's favorite artist and automatically find those artists' upcoming events.

Skills

- C++, Java, Python, HTML, Flask, Haskell, Google Firebase, Javascript, MySQL, CSS, XML, MongoDB, Express.js, React, Node.js, PHP, Markdown, Latex, Docker, GUI, JavaFX, Processing, Swift, R, Matlab, Spanish, practice with data structures and algorithms, micro-computer architecture, operations of programming languages, databases, App & Web development, etc.
- Experienced and skilled in critical thinking, relentless determination, strong leadership, and a passion for computer science.

Involvement

GU RoboSub - Embedded Systems Team   **Sept. 2020-2021**

- The embedded systems team is in charge of operating motors and interfacing with our RFID system. Our team ensures seamless software integration while converting the mission computer information into usable instructions for the motors and other devices.

GUMAD (Makers and Developers) Club   **Aug. 2017-2019**
- The Gonzaga University Makers and Developers exist to serve the tech community at large offering mentorship, education, and creation that is centered around computer science and its abilities for web and app development.

Experience

Lowe's Home Improvement | Arlington, WA   **May 2020 - Aug. 2020**
- Help maintain the Lumber Yards product database accuracy to ensure an efficient and useful website as well as prevent the loss of product or money for the company.

Cedar Springs Camp | Lake Stevens, WA   **May 2017-Jan. 2019**
- Lead an entire division of camp often instructing over 20 children while ensuring a uniquely enjoyable experience to the consumer by implementing my own ideas that consisted of quick

adaptation and fluid transition.