Samuel Miller

Software Developer

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Work Experience

ITSA Consulting, LLC

Junior Software Engineer, Summer Job

June 2021 - September 2021 | Onalaska, WA

- Deployed an eCommerce site from the ground up using WooCommerce.
- Developed a **WordPress** plugin that records custom user order data to a **MySQL** database.
- Developed a **Ruby** app to use recorded data to generate new user credentials.
- Leveraged **Docker** and docker-compose to facilitate efficient development and deployment.

Projects

Discussion Forum

- Designed and developed a full-stack web application using **Ruby on Rails**.
- Built a system which allows users to create threads and posts.
- Used **Devise** to enforce authentication/authorization.
- User data is persistently stored in a **MySQL** database.

Group Calendar

- Used **Python Flask** to create a full-stack web application from scratch.
- Utilized **SQLAlchemy** and **MySQL** to create user-friend and user-group data architectures.
- Built a responsive user interface using **HTML** / **CSS** / **JavaScript**.

- **Git** version control is used for all listed projects.

Education

Associate of Applied Science, Information Technology | Centralia College

2019 - current | Centralia, WA | GPA: 3.98

Awards: President's List, Winter 2021; Presidential Endowed Scholarship;

Relevant Courses: Relational Databases; Object-Oriented Programming; Web Development; C++ Programming;

Activities

Piano, 10 years - Placed first in Lewis County Playoffs, 2019 and 2020
Mandarin Chinese, 6 months - Took two college classes