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OBJECTIVE

Self-motivated CS student seeking an internship to advance technical skills and gain more exposure to software development.

EDUCATION

University of Wisconsin-Madison

B.S. Computer Sciences GPA: 3.8

Relevant coursework: Programming I-II-III, Data Structures and Algorithms, Machine Organization, Mobile Development.

Le Wagon

Full Stack Web Developer Bootcamp

Madison, WI

Dec 2021

Barcelona, Spain

Aug 2019

PROJECTS

PowerU

Under development

- Develop API endpoints using Node.js, Express.js, and MongoDB to build an app for productivity. Upcoming features include profile builder, task manager, and task list sharing and collaboration.
- Authenticate routes with JSON Web Token, validate with Express-validator middleware, and conduct testing with Postman.
- Implement user interface with React and manage application using Redux.

Buddy Network

Team lead

- Designed and built a simple social network that allows adding/removing users/friends using graph data structures.
- Implemented back-end with Java, front-end with JavaFX, and black-box testing with JUnit.

Buddy Up

Team lead

- Built a minimum viable product using Ruby on Rails and PostgreSQL that connects people with similar interests, focusing on 1-on-1 buddy networking and using a criteria-weighted score system to process user data.
- Led a team of four students using Agile methodology to achieve an efficient 2-week sprint: daily standup and in-person interactions, user stories/features-oriented, and flexible course of actions to ensure working software.

Fish Evolution

Personal project

- Built a classic game of big fish capturing smaller fish to evolve using Java and Processing graphic library.

WORK EXPERIENCES

Department of Medical Physics

Madison, WI

Student Web & Application Developer

Oct 2019 – present

- Build internal applications for around 250 students & faculty/staff using PHP, MySQL and WordPress.
- Collaborate with full time staff to update and maintain the department's web content and applications.

University Housing, UW-Madison

Madison, WI

Residential Math Tutor

Sep 2019 – present

- Facilitate weekly individual and group tutoring sessions to assist housing residents in understanding course materials.
- Adapt to students' learning styles, build their problem-solving skills, and boost their confidence.

EXTRACURRICULARS

Coding for Good

Madison, WI

Culture Project – Explore Madison

Sep 2019 – present

- Build website that encourages students' engagement in university/community events.
- Host workshops for new member and cover topics such as version control tool (Git) and front-end library (Bootstrap).

MadHacks Organization, UW-Madison

Madison, WI

Operation Team

Jan 2019 – Dec 2019

- Assisted in promotion, logistics and event-day operation in organizing Hackathon for more than 300 students (October 2019) and other events throughout the year for CS students.

SKILLS

Tech stacks:

Mongo DB • Express.js • React.js • Node.js

Ruby on Rails • PostgreSQL

PHP • MySQL

Libraries: Bootstrap • jQuery • Semantic UI • Processing • JavaFX

Programming: Git • Java • Ruby • HTML • CSS •

JavaScript • SQL • C++ • C

Tools: packages manager (RubyGems • NPM • Yarn), deployment (Heroku • GitHub • Netlify)

Others: UX/UI design, MVC and REST software pattern, Test Driven Development, Agile, Linux (Ubuntu)

LANGUAGES

Vietnamese – native language • English – fluent • Spanish – intermediate.