Khoa Thien Le (Harry)

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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   **Madison, WI**
   B.S. Computer Sciences, GPA: 3.8   *May 2022*
   Coursework: Java, C++, C programming, Data Structures and Algorithms, Machine Organization, Mobile Development.
Le Wagon   **Barcelona, Spain**
   Full Stack Web Developer Bootcamp   *Aug 2019*

PROJECTS

CoffeeUp   *Jun 2020 – present*
- Develop backend API using Node.js, Express.js, and MongoDB and wrote integration tests for API endpoints using Mocha, Chai and Supertest. Set up CI/CD pipeline with GitHub Actions to automate deployment to Heroku on push.
- Build a user-friendly productivity app for tasks, bookmarks management and job application tracking with React and Redux.

Drive360   *Mar – May 2019*
- Designed and built an Android app with Unity VR component that provides learners with a driving simulation experience.
- Utilized Firebase to build data-driven platform where learners can practice question sets and exchange discussions with instructors and learning fellows.

Social Network Visualization   *Oct – Dec 2019*
- Designed and built a visualization that displays users' social network using UML diagrams, wireframes and JavaFX library.
- Implemented graph data structure in Java and tested application with comprehensive unit tests using JUnit.

Buddy Up   *Jul – Aug 2019*
- Built an MVP using Ruby on Rails and PostgreSQL that uses a criteria-weighted score system to process user data and connects people with similar interests 1-on-1 buddy networking basis.
- Led a team of four aspiring developers 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.

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:	**Programming:** Git • Java • Ruby • HTML • CSS •
Mongo DB • Express.js • React.js • Node.js	JavaScript • SQL • C++ • C
Ruby on Rails • PostgreSQL	**Tools**: packages manager (RubyGems • NPM • Yarn),
PHP • MySQL	deployment (Heroku • GitHub • Netlify)
Android • Firebase	**Others**: UX-UI design, MVC and REST software pattern,
Libraries: Bootstrap • jQuery • Semantic UI • Processing • JavaFX	Test Driven Development, Agile, Linux (Ubuntu)

LANGUAGES

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