Eirika Sawh

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PROFESSIONAL SUMMARY

Full-stack web and video game developer proficient in a variety of languages and frameworks with a diverse skill set across multiple fields. Experienced leader and self-starter always seeking out new tools with which to tackle fresh challenges. Currently looking to work on a team creating lasting memories for others through the power of innovative code.

TECHNICAL SKILLS

Front-End: HTML5, CSS3, jQuery, HTTP Request/Response, Ajax
Languages: JavaScript, Python, Java, C#
Databases: SQL (MySQL, SQLite), NoSQL (MongoDB), Mongoose.js
Version Control: Git, GitHub
Servers: Apache, Node.js
Frameworks: Bootstrap 4, AngularJS, Express, Flask, Django, Spring MVC, Unity (2D & 3D)
Methodology: Object Oriented Programming, MVC, RESTful Architecture, Agile, Scrum

DEVELOPMENT EXPERIENCE

Full-Stack Web Developer Resident – Coding Dojo

Tysons Corner, VA
February 2018 – Present

- Dedicated hundreds of hours to hands on learning and developing dozens of web applications in Python, MEAN, and Java using a multitude of frameworks such as Flask, Django, AngularJS, and Spring MVC.
- Created user friendly sites utilizing CRUD operations and RESTful routes together with API integration.
- Collaborated with colleagues to implement both front-end and back-end solutions to a wide array of unique challenges and wireframe specifications.
- Managed and tracked project progress in organized agile sprints.

Spirit Gardener (Unity2D/C#) – Turn-Based Strategy PC Game in Unity

- Created all art and code assets from scratch with an emphasis on maintaining an easily extendable and consistent code base.
- Developed using C# and Unity.
- Uploaded and publicly available on itch.io at https://yuripiano.itch.io/spirit-gardener.

Spooky the Scared Ghost (Unity3D/C#) – Ludum Dare Weekend Platformer Game

- Co-developed in a small team as part of the Ludum Dare Game Jam weekend.
- Synthesized common platformer gameplay with third party theme specifications in a time-limited environment.
- Created with compatibility in mind, available for play via Android and PC downloads as well as directly in-browser with Unity WebGL.
- Developed using C# and Unity.
- Uploaded and publicly available on itch.io at https://skiastra.itch.io/spooky-the-scared-ghost.

Travel Buddy (Python) – Travel Planning Web Application

- Managed multiple users registering and interacting with one another's planned travels via MySQL connections and intuitive, user friendly web pages.
- Developed using Python, Django, SQLite, HTML, CSS, and JavaScript.
- Deployed using Amazon AWS (EC2).

Pet Shelter (MEAN) – Pet Adoption Site Utilizing Non-Relational Databases

- Allowed users to anonymously list, like, and adopt pets that others put up for adoption whilst ensuring site stability through a variety of front and back-end input validations.
- Developed using MongoDB, Express.js, AngularJS, Node.js, HTML, CSS, and JavaScript.
- Coded front and back-end from start to finish in under 5 hours.

OTHER PROFESSIONAL EXPERIENCE

ESL Instructor & Translation Checker – PARAKARO Corporation   Tochigi, Japan
October 2016 – October 2017

- Consulted with potential and current clients about opportunities for growth and program advancement as well as to build and maintain strong working relationships.
- Headed education of adult researchers, managers, and other staff in both one-on-one and group settings as lead instructor.
- Analyzed business materials for parts manufacturers from a multitude of industries and evaluated translations to be delivered to clients.

Multi-Level Japanese Tutor – Duke University   Durham, NC
September 2015 – May 2016

- Created lesson plans and opportunities for students of various language proficiencies to improve their conversational, grammatical, and written abilities on a consistent weekly basis.

EDUCATION

Duke University – Durham, NC 2012 – 2016

- Bachelor of Science – Computer Science
- Minor – Asian and Middle Eastern Studies (Japanese)
- 3.35 GPA
- Fall Dean's List (2014 – 2015)

Hokkaido International Foundation – Hakodate, Japan 2015

- Japanese Language and Japanese Culture Program (8 weeks)