
EMILY YANG

Full Stack Developer

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SKILLS

Frontend: React, HTML/CSS, Sass, Gatsby

Backend: Node, SQL (MySQL, SQLite, PostgreSQL), MongoDB, GraphQL

Tools and Languages: JavaScript, Java, Python, Github, Firebase, Jira, agile

EXPERIENCE

Talent Path | Culver City

Jan 2019 - Nov 2019

Software Engineer

- Designed and developed full-stack web applications from conception to deployment.
- Implemented clean design with a focus on responsiveness and user experience.
- Managed teams and developed software following agile methodology.

IBM | Costa Mesa

Sep 2016 - May 2017

Software Development Intern

- Performed and reported manual tests of daily builds.
- Wrote test cases for automation testing using Robot Framework.
- Optimized Python scripts for automating build installations.
- Technologies used: Selenium, Python, Robot Framework, PHP.

PROJECTS

MtG Land Calculator (in progress) - A progressive web app that helps players of Magic: The Gathering game calculate the optimal land composition for their decks based on mana needs.

- Built website using React and applying material design UI.

Stonehaven Academy - A learning platform presenting courses and video lessons in an organized manner, with a focus on easy navigability and progress tracking.

- Created entity-relationship model for data storage.
- Implemented RESTful web services to enable client access to lesson and user data.
- Designed and implemented UI for video lesson pages with React.
- Implemented functionality to save and persist user's video progress across multiple devices.

Aura - A web application that helps users find local venues based on desired ambiance and activity.

- Converted application from HTML to React.
- Designed normalized data models to store business data with MongoDB.
- Implemented search functionality and lazy-loading results page.

StreakBot - A Discord bot that lets users record and track win streaks for “king of the hill” style tournaments.

- Created interactive chat bot using Node server and discord.js library.
- Persisted data using SQLite database.

EDUCATION

California State University Long Beach

B.S. Computer Science - *Summa cum laude*

Courses include data structures and algorithms, information retrieval, discrete mathematics.

Coursework primarily done in Java and Python.

University of California Irvine

B.A. Psychology, B.S. Biological Sciences