ZACKARY SPRINGER

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SUMMARY

An inquisitive software engineer with a labor intensive background. Driven to discover the best and most comprehensible solutions. Ready to promote excellent communication, relationship management, diverse experience, and technical skills to a software team.

TECHNICAL SKILLS

Languages - HTML(HTML5), CSS, JavaScript, Python, C#
Frameworks/Libraries - Bootstrap, JQuery, Flask, Django, ASP.NET Core, React, Node.js, MaterialUI
Databases - MySQL, SQLite, MongoDB, Mongoose
Tools - Git, GitHub, BCrypt, VS Code

TECHNICAL PROJECTS

JQZ Events - Github   February 2021

A calendar web application allowing users to schedule and track events, as well as receive custom timed email reminders, event invitations, suggested event timing, and map locations with directions.

- Collaborative 3 person effort built in one week using C# ASP.NET Core framework. Focused on careful management of source code through version control which enabled each group member to communicate efficiently and to create organized code simultaneously.
- Reinforced use of MySQL for storing models to display relevant information to the user and ensured features worked in the correct conditions.
- Wireframed and developed the front end using CSS, Jquery and Bootstrap to build a modular and reactive UI (user interface) and UX (user experience).

JQZ Developer Playground - Github   March 2021

A community web application where you can read the latest tech news, view or share projects, create a portfolio, algorithm challenges and play some games.

- Collaborative 3 person effort built in one week using MERN (MongoDB, Express, React, Node.js) where I guided in the use of GitHub and command line version control to maintain an efficient repository with as few merge conflicts as possible.
- Contributed to process API requests using Mongoose to a NoSQL MongoDB database for display of user information, portfolio details, algorithm prompts and project information.
- Wireframed and developed front end elements using React components to build out a SPA (single page application) with UX (user experience) in mind, to make the application more fluent and scalable.
- Tested and informed group of bugs. Helped fix issues and delegated tasks to other team members to ensure a quick and responsive fix.

WORK EXPERIENCE

C&C ELECTRIC - *Electrical Trainee/ Lead*   Lynnwood, WA | 2015 - 2020

Worked under supervision of Journeyman Electrician to learn trade and develop electrical knowledge. Installed, repaired, and maintained residential and commercial electrical systems including lighting fixtures, electrical panels, outlets, wiring, temporary power systems, etc… to meet client, federal, state, and local jurisdiction requirements.

- Mentored, on average, 6 trainees at a time by advising on safety procedures and delegating duties that maximized productivity and efficiency to complete day to day scheduled work due to my constant push for knowledge and determined resolve to get the job done.
- Conducted job site observations by evaluating work and testing electrical systems and circuits, using electrical meters, code book, tape measure, and eye test to ensure passing marks on city, state and federal inspections.

EDUCATION

CODING DOJO - Full Stack Web Development Coding Bootcamp   Seattle | Remote | 2020 - 2021

- 14 weeks intensive coding bootcamp: 1000+ hrs of full stack web development
- Designed and produced 3 full stack web applications in Python, C# and MERN

TREEHOUSE | Online Web Development Education   Online | Present