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TOBIE CHANG

SOFTWARE ENGINEER

EDUCATION

B.S. in Computer Science
University of Georgia
2019-2021

SKILLS

Languages

Java •
HTML/CSS •
C++ •
JavaScript •
Python •
PHP •

Tools

Figma •
GitHub •
Boostrap •
MySQL •
Spring MVC •
Microsoft Office •
Procreate •

Technical Skills

Web Dev/Design •
Database Operations •
Agile Scrum •
Project Management •
Data Analysis •

Relevant Coursework

Software Engineering •
Web Programming •
Human-Computer Interaction •
Systems Programming •
Algorithms •
Compilers •
Data Structures •

PROJECTS

Axolotl Atheneum
May - Aug 2021
- Managed, designed, & developed a fully functional eCommerce bookstore in an agile scrum methodology setting using HTML/CSS, Bootstrap, C#, Javascript, Spring MVC, & MySQL database
- Served as team leader, scrum master, & web dev responsible for sprint planning, leading retros, handling dynamic project requirements, establishing visual design, & code implementation
- Developed concise visual brand & reusable component library to establish consistency across site & practiced classic software development patterns

Recipe Ninja
Feb - May 2021
- Built a responsive recipe database allowing users to peruse, save, & post recipes using HTML/CSS, Javascript, PHP, & MySQL
- Worked cross-functionally by leading brand identity creation, translating design to code, & implementing user data validation & encryption
- Defined product features & intuitive user flows optimized for both code efficiency & user experience

TeamWorkWork
Apr - Jul 2021
- Executed end-to-end design process for a hybrid-synchronous classroom platform with integrated video calls, grading system, & data visualization
- Conducted a market analysis to map out user stories & identify pain points & thoroughly documented design decision justifications for presentation
- Utilized iterative design methods from ideation to high-fidelity mock-ups based on user feedback
- Collaborated closely with a design team to define product requirements & road maps which resulted in a high-fidelity clickable Figma prototype

EXPERIENCE

IT Intern @ Retirement Plan Administrators - Atlanta, GA
Dec 2018 - Jan 2019
- Led 4 IT interns in the critical installation of admin software & accurate transfer of existing census & payroll data for over 1000 client companies
- Reformatted data with 99%+ accuracy at twice the expected rate to achieve desired results with a reduced workforce & save $3500 in wages
- Executed DATAIR exports, revised, & imported to Relius via remote desktop
- Created & utilized Excel macros to perform calculations for significant data

Dining Room Manager @ Ming's Asian Kitchen - Marietta, GA
Mar 2018 - 2022
- Direct the hiring, training, & management of dining room staff, totaling 7
- Manage, install, & maintain POS system & perform daily accounting
- Identified employee pain points, overhauled training process, & created training materials to improve performance & retention
- Multitask to fully satisfy customer requests in an volatile environment