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TOBIE CHANG

UX DESIGNER & WEB DEVELOPER

EDUCATION

B.S. in Computer Science

University of Georgia

2019-2021

SKILLS

UX Design

- End-to-End Design
- User Research
- Wireframing
- Interactive & Rapid Prototyping
- UI, Brand, & Graphic Design
- Component Library Development

Software Development

- Web Development
- Database Operations
- Agile Scrum
- Project Management
- Data Analysis

Tools

Languages

- | | | |
|------------------|---|------------|
| Figma | • | Java |
| Canva | • | HTML/CSS |
| GitHub | • | C++ |
| Bootstrap | • | JavaScript |
| MySQL | • | Python |
| Microsoft Office | • | PHP |
| Procreate | • | |

Relevant Coursework

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

PROJECTS

TeamWorkWork

May - Aug 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

Axolotl Atheneum

Apr - Jul 2021

- Managed, designed, & developed a fully functional eCommerce bookstore in an agile scrum methodology setting using Spring MVC framework
- Served as team leader, scrum master, & web dev responsible for sprint planning, leading retros, establishing visual design, & code implementation
- Developed a concise visual identity & brand & built a component library to establish visual consistency across the platform
- Applied branding & components from design system to wireframes to map out & prioritize content to allow users to accomplish key tasks

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, establishing consistent visual design via CSS, & executing data validation & encryption
- Defined product features & intuitive user flows optimized for both code efficiency & user experience

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