Hailey Robinson

Software Developer

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EDUCATION

University of Georgia
B.S. Computer Science
GPA 3.52

August 2018 - December 2022
Athens, GA

SKILLS

- **Operating Systems:**
  Windows, macOS, Android

- **Languages:**
  Java, JavaScript, Python, Lua, SQL, PHP, C/C++

- **Databases:**
  MySQL, MongoDB

- **Libraries:**
  React, jQuery, ChakraUI, Material UI

- **Frameworks:**
  Bootstrap, Node.js, Express.js, Flask

- **Other Tools:**
  GitLab, Apache Maven, Figma, Firebase, Jira

WORK EXPERIENCE

Murzan Inc — Software Developer
January 2023 - PRESENT
Norcross, GA g

- Regularly addressed latent bugs within the legacy codebase to improve the site's reliability and increase user satisfaction
- Modernized the internal software system by significantly reducing processing times, and developing highly requested features
- Conceptualized, designed, and delivered a SaaS web application, leveraging the MERN stack, to provide smaller businesses a way to generate and store highly customizable PDFs

UGA Social Work Department — Software Developer
June 2021 - October 2022
Athens, GA

- Revitalized an incomplete project by detecting and resolving underlying errors which resulted in the successful delivery of a quiz-based training application to the UGA Police Department
- Collaborated closely with the client to demonstrate the application's functionality, address questions, and field requests for adjustments and additional features
- Implemented feedback to finalize the project and worked alongside client's IT department to facilitate the seamless deployment of the final product

IDTech — Programming Instructor
May 2021 - January 2023
Campbell, CA (Remote)

- Effectively communicated coding fundamentals, principles of game design, and general problem-solving strategies to students with varying levels of experience
- Acquired proficiency in Python, Javascript, and Lua in order to provide comprehensive guidance and support for newer class curriculums
- Fostered creativity by encouraging students to design and implement complex features outside of the guiding curriculum

PROJECTS

To-do List Web Application
- Implemented the MERN stack to enhance my proficiency in these technologies and produce a simple but practical application
- Engineered a user authentication flow using JSON web tokens to ensure a secure login procedure
- Worked with the Material UI component library to construct a clean and

intuitive user experience

Apartment Web Scraper
- Automated the time-consuming process of searching for an apartment to quickly present options that fit my personal criteria
- Acquired a workable knowledge of both Flask and Selenium through self-study in order to incorporate these technologies into my project
- Constructed a simple user interface with HTML/CSS to display the search criteria and respective results

Cinema E-Booking System
- Collaborated with team members to engineer and implement a functional movie ticket booking app, employing a full stack approach
- Designed a visually captivating user interface using a combination of Bootstrap, HTML, and CSS, allowing for a more engaging user experience
- Employed Python, JavaScript, and SQL to create a dynamic and responsive platform including real-time updates of movie listings and seat availability afforded by the seamless persistence and retrieval of user booking data

Prototype for ELearning Commons
- Coordinated with team members in developing a research-driven initiative to resolve known pain points in the university's messaging platform
- Drew inspiration from successful communication systems to develop improvements to the site's notification systems as well as a new highly customizable user interface
- Translated the hand-drawn wireframes into an interactive prototype using Figma, showcasing a tangible preview of the proposed enhancements

EXTRACURRICULARS
- Girls.code(), Girls Who Code
  August 2019 - December 2022
- Association for Computing Machinery
  August 2019 - December 2022
- Volunteer for Athens Circle of Friends Animal Society
  October 2020 - March 2022
- Game Development Club
  January 2020 - May 2020
- Member of UGA Flagline
  April 2018 - April 2019