

Hannah M Hughes

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EDUCATION

University of Texas at Austin

Austin, TX

Bachelor of Science in Computer Science, Minor in History

Expected Graduation Fall 2024

- Relevant Coursework: Data Structures: Honors, Discrete Math: Honors, Computer Organization and Architecture: Honors, Operating Systems: Honors, Contemporary Issues in Computer Science, iOS Mobile Computing

EXPERIENCE

Dock Attendant

Feb. 2022 – Present

Rowing Dock ATX

Austin, TX

- I currently work at one of Austin's most popular kayak and paddleboard rentals
- In this fast-paced role, I manage customer inquiries, facilitate smooth rental transactions, and ensure a positive customer experience - even through the heat of Texas summers
- I use strong problem-solving abilities and adaptability to handle various customer needs

Software Development Intern

June 2021 – Aug. 2021

Reckon Point

San Antonio, TX

- In this role, I worked at a small robotics startup to refine the designs of two robots: One specializing in LIDAR 3D Mapping, and the second specializing in UV Sanitization
- Worked with Robot Operating System, Python, and C to improve the automation and efficiency of the robots' code
- Researched competing companies and identified the most effective marketing techniques in the robotics space
- Learned about working within a small team in a startup setting

Software Development Intern

June 2019 – Aug. 2019

Booz Allen Hamilton

San Antonio, TX

- Obtained Top Secret Clearance
- Designed communication protocols for Amazon Web Services
- Developed strong communication and documentation skills within a large corporation

Application Development Intern

June 2018 – Aug. 2018

H-E-B

San Antonio, TX

- Used the Salesforce platform to adapt H-E-B's internal bakery inventory app to a mobile application
- Design and implemented an intuitive and functional UI for the new mobile application

TECHNICAL SKILLS AND QUALIFICATIONS

Clearance: Active TS/SCI Clearance

Languages: Java, Python, C/C++, SQL, Swift, JavaScript, HTML/CSS, Bash, Assembly, Verilog, PHP

Frameworks and Tools: Git, Robot Operating System, Amazon Web Services, Xcode, LAMP Stack

Certifications: CompTIA A+ (Expired), CompTIA Network+ (Expired), CompTIA Security+ (Expired)

PROJECTS

iOS Photo Application

- Using skills learned in my iOS Application Development course, I created an iOS Photo Application with Swift and Xcode
- This application allows users to capture, manage, import, and edit photos
- User accounts are kept separate and secure using Firebase
- This application was designed to prioritize an intuitive and accessible UI and user experience

Work Tickets Application using LAMP Stack

- Developed a LAMP Stack web application. This project gives teams the ability to collaboratively create and assign work tickets using a LAMP Stack server.
- Offers functionality to create work tickets including the parameters Name, Status, Description, and Assigned Persons
- Offers functionality to edit or delete work tickets as needed, changing any of their key parameters.