

EDUCATION

The University of Texas at Dallas • Richardson, TX B.S. in Computer Science, GPA: 4.00 *Aug 2019 - May 2023*

- **Eugene McDermott Scholars Program:**
1 of 18 selected for UTD's flagship scholarship and leadership program (worth \$250,000)
- **Additional Honors:**
CS² Computer Science Honors Program, Collegium V Honors Program, National Merit Scholars Program, Dean's List
- **Coursework:**
Artificial Intelligence, Operating Systems, Digital Logic and Computer Design, Organization of Programming Languages, Data Structures and Algorithms, Probability and Statistics, Software Engineering, C/C++ Programming in UNIX, Discrete Math I & II, Computer Architecture, Linear Algebra

Houston High School • Germantown, TN GPA: 4.00, SAT: 1600 *Aug 2015 - May 2019*

- U.S. Presidential Scholar Candidate, National Merit Scholar, National AP Scholar, NCWIT Aspirations in Computing Award

TECHNICAL SKILLS

Languages: Proficient in C, C++, Java, JavaScript/TypeScript, Python, HTML/CSS/SCSS
Exposure to C#, Dart, MIPS Assembly, Prolog, Scheme, Swift

Frameworks: AngularJS, Flutter, React, Node.js, Express.js, Spring Boot

Other: Agile/Scrum, Automated Testing, Cloud Computing (GCP/AWS), Git, Linux, REST APIs, Prometheus/Grafana

PROFESSIONAL EXPERIENCE

State Farm • Enterprise Technology Intern • Richardson, TX *Jan 2020 - Present*

- Modernized the customer channel for renters insurance quotes by creating a new Angular UI that adhered to brand guidelines
- Automated backlog import for the internal Angular/Node application *Roadmapper*, reducing user input time by 30+ minutes
- Eliminated the need for a vendor service through the development of a Java/Spring Boot REST API for the State Farm app
- Created dashboard that monitors 8 essential metrics for API using Prometheus/Grafana

LEADERSHIP

UTD Society of Women Engineers • Vice President of Internal Affairs *Apr 2020 - Present*

- Led the largest women in STEM organization at UT-Dallas, with over 300 active members and 30 officers
- Oversaw rapid growth of the Membership and Development Committees, WEHack, and the Ladies in Tech Mentorship Program
- Independently developed new website (*sweutd.com*) and member portal for the organization using React, Node.js, and Firebase

WEHack • Logistics Director *Apr 2020 - Present*

- Managed budget of over \$30,000 for UTD's first all-women hackathon, with over 200 participants from around the world
- Coordinated five-person logistics team to plan judge/mentor recruitment, swag/prize purchasing, and the day-of event schedule

UTD Association for Computing Machinery • Project Manager *Dec 2019 - Present*

- Conceptualized ideas for innovative semester-long software development projects
- Acted as project manager for teams of students new to software development using Agile/Kanban methodologies
- Presented three workshops to 45+ ACM Projects participants: "Intro to Git," "Finding and Using Resources," and "Intro to APIs"

PROJECTS

Orbit • 1st place prize for the Student Government Challenge at HackUTD VI *Nov 2019*

- Mobile app that enables UTD students to scan a campus event's flyer to view more information and save it to their calendar
- *Technologies used:* Swift, RealityKit, and EventKit

dollar • 2nd place prize of \$2,000 at T-Mobile Hacktober 2019 *Oct 2019*

- Mobile app that allows users to interact with and customize augmented reality smartphones using a dollar as a reference object
- *Technologies used:* Swift and ARKit

VR Assistant • ACM Projects *Sep 2019 - Dec 2019*

- Virtual reality application that organizes tasks, schedules events, and improves mood as determined by sentiment analysis
- *Technologies used:* Python, Flask, Google Dialogflow and Cloud Natural Language APIs, Selenium, Unity, C#