

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
 - *Current Coursework*: Honors Data Structures and Algorithms, Honors Probability and Statistics, Software Engineering
 - *Previous Coursework*: Computer Science 2, C/C++ in UNIX, Honors Discrete Math I & II, Honors 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 Java, JavaScript/TypeScript, C++, Python, HTML/CSS/SCSS; *Exposure* to Dart, Swift, C#, MIPS Assembly
- Frameworks:** React, Node.js/Express.js, AngularJS, Spring Boot, Flutter
- Other:** Git, Linux, REST APIs, Cloud Computing (GCP/AWS), Prometheus/Grafana, Automated Testing, Agile/Scrum

PROFESSIONAL EXPERIENCE

- State Farm • Enterprise Technology Intern • Richardson, TX** *Jan 2020 - Present*
- Modernized the customer channel for renters insurance quotes through the development of a new Angular UI, ensuring the design adhered to brand and accessibility guidelines
 - Increased efficiency of internal roadmapping application, reducing manual user input time by a reported 30+ minutes per roadmap, by building a new Angular/Node.js service that imports backlogs from the VersionOne management tool
 - Eliminated the need for a vendor service through the development of a Java/Spring Boot REST API for the State Farm Bank mobile app
 - Created dashboard that monitors 8 metrics for API using Prometheus/Grafana, and presented proof of concept to technology director
- Code Ninjas • Code Sensei • Collierville, TN** *Apr 2019 - Aug 2019*
- Prepared and taught introductory coding curriculum with Scratch and JavaScript to weekly summer camps of 30+ students

LEADERSHIP

- UTD Association for Computing Machinery • Project Manager** *Dec 2019 - Present*
- Conceptualized idea for the semester-long project Safe Routes, an app that uses car crash data to rate the safety of driving routes
 - Acted as project manager for a team of 4 students who developed Safe Routes, employing Agile/Kanban methodologies
 - Presented three workshops to ACM Projects participants: "Intro to Git," "Finding and Using Resources," and "Intro to APIs"
- WEHack • Logistics Coordinator** *Apr 2020 - Present*
- Planned hourly schedule for UTD's first all-women hackathon, with an expected 300+ participants
- UTD Society of Women Engineers • Membership Chair & Webmaster** *Apr 2020 - Present*
- Developed new website (*sweutd.com*) for the organization using React, Node.js, Express.js, and Firebase
 - Introduced point system to reward dedicated members and added a portal to the website for monitoring the points of 200+ members
 - Launched new initiatives to engage with members virtually, including a badge-collecting competition and technical workshops
- UTD Artificial Intelligence Society • Web Coordinator** *Jun 2020 - Present*
- Redesigned and maintained React/Firebase website (*aisutd.org*) for the 300+ member organization and its annual hackathon, HackAI
- Ladies in Tech Mentorship Program • Mentor** *Jul 2020 - Present*
- Mentored an incoming UTD freshman to help her feel connected to her university, major, and other women in STEM
- Roosevelt Institute at UTD • Policy Team Member** *Aug 2019 - Present*
- Selected for the 2020 *10 Ideas Journal* with the policy, "Expanding DOJ Accreditation at North Texas Law Institutions"

PROJECTS

- Orbit • 1st place prize for the Student Government Challenge at HackUTD VI • *devpost.com/software/orbit-bwfslp*** *Nov 2019*
- Mobile app that enables UTD students to quickly scan a campus event's flyer to view more information and add it to their calendar
 - *Technologies used*: Swift, RealityKit, and EventKit
- dollar • 2nd place prize of \$2,000 at T-Mobile Hacktober 2019 • *devpost.com/software/dollar*** *Oct 2019*
- Mobile app that allows users to interact with and customize augmented reality smartphones using a dollar bill as a reference object
 - *Technologies used*: Swift and ARKit
- VR Assistant • ACM Projects • *github.com/acm-projects/vr-assistant*** *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#