

## 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*: CS<sup>2</sup> 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 by creating a new Angular UI that adhered to brand 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 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 20 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
- 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 3 workshops to 45+ 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 over 400 participants from around the world
  - Managed prize budget of over \$3,700
- 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
- 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 • 1<sup>st</sup> place prize for the Student Government Challenge at HackUTD VI • *devpost.com/software/orbit-bwfsfp*** *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 • 2<sup>nd</sup> 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#