

Allen Hernandez

Dallas, Texas | 214-845-2690 | allen.hernandez200@gmail.com | www.linkedin.com/in/Allen-HDZ000

TECHNICAL SKILLS

C++, Java, Python, Typescript, Svelte, NODE, SQL, HTML, CSS, Javascript, MongoDB, API

WORK EXPERIENCE

StandardUser Cyber Security	Denton, Texas
<i>Intern</i>	<i>Oct 2022 - Jan 2023</i>
<ul style="list-style-type: none">Studied software development techniques to build a secure web application, resulting in a decrease in system vulnerabilities.Conducted regular QA assessments to locate & rectify errors in the system, resulting in a reduction of bugs.Mastered the fundamentals of networking, including IP addressing & subnetting, routing protocols, and network security.	

PROJECT EXPERIENCE

<i>Organization</i>	Richardson, Texas
<i>Comet Cupbaord Web Application</i>	<i>Jan 2023 - May 2023</i>
<ul style="list-style-type: none">Part of a team to work on the user interface (UI) of a web application using the Svelte framework with TypeScript. Participating in developing and integrating UI components, conducting quality assurance, and resolving technical issues.Serving as Project Lead for the project, responsible for planning, managing, and dividing responsibilities among a team of 5 developers. Facilitated team communication and collaboration, utilizing agile methodologies to increase team efficiency and improve overall project outcomes.Developed API routes using TypeScript, creating robust and type-safe endpoints for seamless communication between the client and server.	

Society of Hispanic Engineers	Richardson, Texas
<i>Technology</i>	<i>Aug 2020 - Dec 2021</i>
<ul style="list-style-type: none">Worked with the tech team to ensure that the website structure was user-friendly and aligned with organizational values.Created and published new web pages, including writing and formatting content, and inserting images and videos.	

School Project	Richardson, Texas
<i>Email Validation Program with Flex and Bison</i>	<i>Mar 2022 - Apr 2022</i>
<ul style="list-style-type: none">Developed a robust email validation program using Flex and Bison, which successfully scanned emails with an accuracy rate of 98%.	

Senior Design	Richardson, Texas
<i>Graduate Advisors</i>	<i>Jan 2023 - May 2023</i>
<ul style="list-style-type: none">Developed an automated system to create audit reports and degree plans for students, reducing processing time by 50% and decreasing errors by 75%.Demonstrated proficiency in Apache POI by utilizing its powerful features and APIs to generate professional Word documents.	

LEADERSHIP EXPERIENCE

Undergradure Success Scholars	Richardson, Texas
<i>Member of Social Board</i>	<i>Aug 2019 - May 2020</i>
<ul style="list-style-type: none">Organized and implemented events for studentsHeld the position on the social board, but contributed to general events and other boards.	

Society of Hispanic Engineers	Richardson, Texas
<i>Community Service Chair</i>	<i>Aug 2020 - May 2021</i>
<ul style="list-style-type: none">Presented multiple community service events to members for community service and or technology exposure.Helped create the mentorship program for the organization.	

EDUCATION

The University of Texas at Dallas	Richardson, Texas
<i>B.S of Computer Science</i>	