

## EDUCATION

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**University of Texas at Arlington**  
*Bachelor of Science in Computer Science*

Arlington, TX  
Aug. 2020 – May 2024

## EXPERIENCE

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### **JPMorgan Chase & Co.**

June 2023 – August 2023

*Software Engineer Intern*

*Plano, TX*

- Facilitated 20,000+ daily small-business customer interactions by using React Typescript to create the ADA-compliant Customer Due Diligence page for the Business Banking Flow
- Spearheaded the first Business Banking Hoverfly initiative, simulating 100% data for end-to-end automation testing of third-party API calls, streamlining cloud-based scenario testing
- Empowered the team with the functionality to toggle between simulated data and the actual downstream API call within the cloud environment, facilitating efficient testing and validation of different scenarios.

### **Lockheed Martin**

May 2022 – August 2022

*Systems Integration / Network Intern*

*Fort Worth, TX*

- Managed over 30 devices (switches, APICs, F5 load balancers, routers) and leveraged networking knowledge to troubleshoot and resolve technical issues
- Assisted in setting up data center infrastructure comprising of over 400 servers, 50 network switches, and petabytes of storage at Lockheed's Dallas Data Center (DADC), achieving 99.9% up time by utilizing redundancy
- Implemented, configured, and supported new and existing F5 Virtual Editions

## PROJECTS

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### **Pokedex Pro** | *React, Javascript, RESTful APIs, Figma*

April 2023

- Dynamically retrieved and displayed data for over 1000 Pokémon using the open-source RESTful PokeAPI, while building a web-based Pokedex with React and Semantic UI as the primary front-end frameworks/libraries
- Integrated Geolocation API to allow users to see their current latitude/longitude and nearby Pokemon based off their real time coordinates
- Created wireframes and mockups using Figma to visualize possible user interfaces and present concept interactions

### **FarmExplorer Non-Profit Hackathon** | *React, Node, MongoDB, Express*

October 2022

- Led a team of 5 to conceive and develop a full-stack application using the MERN Stack, participating in a competitive event featuring 20 teams
- Enabled the precise placement of pinpoints on a farm map, facilitating the seamless display of comprehensive data of over 100+ native crops and tools
- Architected reusable, robust components for the web application's frontend, streamlining user login and authentication processes while enhancing code efficiency and maintainability
- Delivered a technical presentation showcasing the project to a panel of software engineers, securing the 1st place as the standout project among all participants

### **MelodyMatch** | *Java, JavaFX, Object-Oriented Programming*

December 2021

- Created a Java-based application that recommends personalized playlists featuring over 100 songs tailored to user preferences
- Enhanced the user experience by implementing a song preview feature, allowing users to sample each track before making the decision to 'favorite' or 'dislike.'
- Streamlined the user interface through the implementation of a user-friendly GUI using JavaFX, ensuring a seamless and accessible experience for all users

## TECHNICAL SKILLS

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**Certifications:** Amazon Web Services (AWS) Cloud Practitioner

**Languages:** Javascript, Java, Python, Typescript, C, SQL, HTML/CSS

**Frameworks:** React, Spring Boot, MongoDB, Express, NodeJS, JUnit, Tailwind CSS, Material-UI, Semantic-UI

**Developer Tools:** Git, GitHub, Postman, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma