

# Hector Quinones

(682) 347 - 3647 | quinonhector1@gmail.com | linkedin.com/in/hectorquino | github.com/hquino1 | hquino1.github.io

## TECHNICAL SKILLS

---

**Related Coursework:** Data Structures and Algorithms, Fundamentals of Software Engineering, Databases, Linear Algebra, Programming Languages, Object Oriented Programming  
**Programming:** Python, HTML/CSS, JavaScript, C, C++, Java, TypeScript  
**Frameworks:** React, Node.js, Next.js, Express.js, ASP.NET  
**Databases/Cloud Platforms:** Amazon Web Services, MongoDB, Firebase, SQL  
**APIs:** Spotify API, The Movie Database API

## OBJECTIVE

---

Motivated and adaptable software engineer seeking an internship to apply my skills in software development for the contribution of an organization's success.

## EDUCATION

---

<b>University of Texas at Arlington</b> <i>Bachelor of Arts in Computer Science</i>	Arlington, TX <i>Expected Graduation, Spring 2026</i>
<b>Tarrant County College</b> <i>Associate's in Liberal Arts</i>	Arlington, TX <i>Graduation, May 2023</i>

## EXPERIENCE

---

<b>Social Media Application</b>   <i>Next.js, ASP.NET, DynamoDB, S3</i>	2024
<ul style="list-style-type: none"><li>Designed and developed a full-stack social media application, integrating <b>Next.js</b> for a responsive front-end and <b>ASP.NET</b> for a back-end API.</li><li>Managed user-generated data efficiently using <b>DynamoDB</b>, ensuring low-latency database operations.</li><li>Leveraged <b>AWS S3</b> for scalable file storage, utilizing pre-signed URLs to enable secure file uploads to the application.</li></ul>	
<b>Movie Sound Scene Database</b>   <i>Next.js, Firebase, Spotify API, TMDB API</i>	2024
<ul style="list-style-type: none"><li>Developed a full stack app for users to review and score motion picture soundtracks.</li><li>Created an algorithm to filter in more accurate soundtrack information when utilizing <b>Spotify's API</b>, which resulted in <b>87%</b> accuracy for active trending movies.</li><li>Integrated Cloud Firestore to accumulate user info and display data infographics for movies.</li></ul>	
<b>Online Messaging Application</b>   <i>MongoDB, Express.js, React, Node.js</i>	2024
<ul style="list-style-type: none"><li>Developed a full stack app using the MERN stack to recreate a real-time communication platform between online users.</li><li>Used JWT tokens to provide a personalized experience and authorization once a user is logged in.</li><li>Built an API using <b>Express.js</b>, which managed crucial components such as receiving previous messages, fetching friends, and sending data with <b>SocketIO</b>.</li></ul>	

## ACTIVITIES

---

<b>Cybersecurity Club</b> <i>Member</i>	Arlington, TX Fall 2024 - Current
<ul style="list-style-type: none"><li>Participated in Capture The Flag events and established comprehensive knowledge over passwords, system vulnerabilities, and networks by utilizing techniques used by professionals in the industry.</li></ul>	