

Johnny Huynh

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EDUCATION

University of Florida

Bachelor of Science in Computer Science, Minor in Digital Arts and Science

- **GPA:** 3.78/4.0
- **Academic Awards:** Machen Florida Opportunity Scholar Scholarship, Bright Futures Scholarship

PROFESSIONAL EXPERIENCE

MQ Reborn Development Team

October 2025 – Present

Full-Stack Web Developer

- Developed and maintained a full-stack web platform using ASP.NET Core, Razor Pages, Bootstrap, HTML/CSS/JavaScript, and SQLite, supporting 14,000+ registered users with secure account management and responsive UI
- Implemented authentication and authorization using ASP.NET Data Protection, including role-based access control, secure password hashing, and restricted administrative workflows
- Built and integrated internal REST APIs for real-time game features, including live player counts, account queries, and a protected developer panel for maintenance controls and player notifications

Jacksonville Transportation Authority

June 2025 – Present

Data Engineering Consultant

- Developed multiple live operational tracking dashboards in Power BI by integrating Device Magic's API using Power Query, enabling real-time data visualization and supporting faster, data-driven decision-making across departments
- Engineered custom solutions using Microsoft Power Platform (Power Apps, Power Automate, SharePoint) to automate operational workflows, including tools for transit operations tracking, budget management, and contract management
- Developed an ETL pipeline with Device Magic's API, SQL Server, and Power Query to automate 80% of data processing and enable real-time KPI tracking
- Led and mentored three data engineering interns, establishing standards, guiding workflows, and ensuring timely delivery

PROJECTS

Poké Pocket (TypeScript, React, MySQL)

January 2025 – April 2025

- Designed and developed a full-stack trading platform inspired by Pokémon TCG Pocket, allowing users to post, search, and browse card trade listings in real time
- Developed the backend using Spring Boot with RESTful APIs and a MySQL database to handle user authentication, trade listings, card data, and secure session handling via cookies
- Implemented core features including account creation, dynamic card search/filtering, trade listing creation and deletion, along with cookie-based session management to maintain secure user login states across browsing sessions
- Containerized the application with Docker and deployed it on an AWS EC2 instance, enabling scalable and consistent environment setup across development and production

SyncAssist (TypeScript, React, React Native)

August 2024 – April 2025

Industry Sponsored Project – Integrated Product & Process Design Program

- Designed and developed a prototype for a modern remote desktop meeting application tailored for JAWS, enabling visually impaired users to collaborate through screen sharing and remote control
- Engineered custom remote-control functionality from the ground up using Nut.js, enabling precise simulation of keyboard and mouse inputs across platforms to support real-time system interaction
- Set up and configured networking infrastructure including a Selective Forwarding Unit (SFU), STUN, and TURN servers to enable reliable peer-to-peer or multi-user connections across diverse network environments
- Cross-platform support for sessions on Windows, Browser, and Mobile (Android and iOS)
- Deployed the application using an AWS EC2 t3.medium instance for hosting and performed scalability testing using Selenium on Google Cloud Platform to evaluate performance under concurrent user load and ensure system reliability

SKILLS

Programming Languages: Python, Java, C++, MATLAB, C#, HTML, CSS, JavaScript, SQL, TypeScript, PHP

Frameworks/Libraries: React, React Native, Bootstrap, Scikit-Learn, Pandas, Node.js, Vite, Spring Boot, ASP.NET

Tools: Git/GitHub, Jira, Postman, Docker, Amazon Web Services, Google Cloud Platform, Jupyter Notebook, Selenium, Power BI