

John Egnatis

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Portfolio: <https://johnnegnatis.github.io/portfolio/>

GitHub: <https://github.com/johnnegnatis>

LinkedIn: <https://www.linkedin.com/in/john-egnatis/>

EDUCATION

Bachelor of Computer Science

The University of Texas at Dallas, Richardson, TX

Expected Graduation: December 2023

GPA: 3.934

TECHNICAL SKILLS

Languages:

SQL, TypeScript, Python, PowerShell, Java, C/C++

Technologies/Frameworks:

React, NodeJS, MSSQL, MySQL

Software Tools:

GitHub, Docker, AWS, Jira Software, Jenkins

RELEVANT EXPERIENCE

Bell Flight, Fort Worth, TX

IAM Cybersecurity Intern

May 2023 – Present

- Leveraged advanced knowledge of GitHub and PowerShell to create a CI/CD pipeline for the UAT and production remote server. This automation accelerated the “go live” process and reduced human error.
- Refactored the entire automation codebase and developed a custom PowerShell module to create a more organized and scalable code repository, improving the developer experience.
- Created a highly customizable and flexible script for sending mass emails to employees who fit specific criteria. The result is a low-code solution that non-developers can replicate without code modifications.
- Produced automation scripts that send alerts, notify users, and handle the provisioning and deprovisioning of users’ access to essential systems. These automations reduce hours of manual labor as Bell continues to grow vertically.

WaveXchange, Richardson, TX

Full Stack Software Developer

June 2022 – May 2023

- Collaborated with manager to develop a client facing website designed to allow third-party companies to manage their telecommunication devices in real time; these telecommunication devices may also be bought and sold in a global marketplace. Technology stack is React/TypeScript/NodeJS/MySQL.
- Refactored MySQL database schema and website to accommodate major changes to how transactions are recorded and presented to users.
- Rearchitected the projectstorm/react-diagram library to accommodate WaveXchange's intricate business and UI/UX requirements and provide customers with an intuitive canvas.
- Engineered an API protocol empowering the NodeJS backend to communicate with third party telecommunication technology.
- Designed and presented software demos to investors.

PROJECTS

UTD CS/SE Graduate Advising Degree Plan and Audit Tool

January 2023 – May 2023

- Collaborated with six classmates to develop a custom desktop application which generates essential documents for UT Dallas auditors. Technology stack is React/JavaScript/Python/Eel framework.
- Served as the Lead Developer by coordinating and delegating tasks to team members and integrating codebase. Learned valuable GitHub skills through this joint development effort.
- Worked alongside a design specialist to design and implement a UI/UX that is both professional and visually appealing.

ADDITIONAL INFORMATION

Languages: Native English, Conversational Spanish

Vice President of the UTD Lacrosse Club