

MATTHEW FRIAS

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EDUCATION

University of Connecticut, Storrs, CT

Bachelor of Science, Computer Science, May 2024

Concentration: Systems and Networks

Relevant Coursework: Software Engineering, Data Structures, Cybersecurity, Computer Networks, Network Security

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, TypeScript, C, C++, Swift, Java

Libraries & Frameworks: React, React Native, Expo, Next.js, Node.js, Express.js, Tailwind CSS, Framer Motion, Flask

Tools & Platforms: Git, GitHub, Docker, Vercel, WordPress, Linux, Windows, MacOS, Ubiquiti UniFi, VMware, Synology, Microsoft Office, AWS, Kubernetes

EXPERIENCE

IT Intern, *Lavner Education*

June 2023 – August 2023 | Garden City, NY

- Assist with the setup and maintenance of on-site computer hardware, software, and internet connectivity
- Provide ongoing troubleshooting and technical support to staff and students
- Communicate tech issues quickly and effectively to company headquarters and offer solutions
- Deliver quality, educational instruction to students in a class and/or one-on-one environment

Web Administrator, *Bubbles N Go Laundromat*

July 2016 - December 2022 | New York, NY

- Transformed digital identity by creating a visually captivating and user-friendly company website on WordPress, amplifying online presence, and fostering greater audience interaction
- Innovated the development of a dynamic mobile app using React Native and JavaScript, seamlessly merging cutting-edge technology for an enhanced user experience

Web Design Consultant, *Jackson Heights Laundromat*

February 2020 - May 2020 | New York, NY

- Elevated online brand presence through strategic design and development of a dynamic company website using WordPress, resulting in enhanced user experience and increased engagement

RELEVANT PROJECTS

Hubsky, *Personal Project*

October 2023 – Present | Storrs, CT

- Developed and launched a mobile app for UConn students, utilizing React Native, Tailwind CSS, and Expo
- Implemented features allowing users to access dining hall menus, organize schedules, receive class reminders, and check service status
- Achieved 900+ downloads on the Apple App Store, showcasing the app's popularity and positive user reception

Portfolio Website, *Personal Project*

October 2023 – Present | Garden City, NY

- Designed and developed a personalized portfolio website showcasing my skills, and projects, creating a visually appealing and user-friendly online presence.
- Implemented responsive design principles utilizing modern web technologies, including Next.js, TypeScript, Tailwind CSS and Framer Motion, to ensure optimal viewing across various devices, enhancing user engagement.

Home Lab, *Personal Project*

July 2018 – Present | Garden City, NY

- Established and maintained a comprehensive home lab, leveraging VMware ESXi virtualization to deploy and manage a virtual machine hosting Plex Media Server, serving content to 20 users
- Orchestrated Docker containerization for various services including PVR software, torrent downloaders, VPN server, DNS ad-blocking, and hardware monitoring, enhancing efficiency and resource optimization
- Engineered and managed a robust network infrastructure with Ubiquiti UniFi products, encompassing gateways, switches, and access points for seamless connectivity and optimal performance