TIGER TIAN

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WORK HISTORY

Software Engineer | Epic Systems Corporation - Verona, WI   *03/2024 - Current*

- Led a team of four developers to design and implement Python based automation for staging new network devices with customer-specific configurations, reducing staging time by 80% and eliminating misconfiguration risks.
- Designed and developed database/API services using Go, SQL, and Kubernetes via Rancher to consolidate network information for 2,000+ devices, with one solution now serving as the operational backbone of the team's workflow.
- Conducted on-site installation and maintenance of customer network infrastructure, frequently working overnight hours to ensure seamless deployment with minimal impact to patient care.

Software Engineer Intern | MIM Software, Inc. - Beachwood, OH   *06/2023 - 08/2023*

- Developed a comprehensive full-stack authentication service using Kotlin Template Engine, hosting a SQLite database and serving HTML/CSS/Javascript.
- Consolidated login procedures across diverse medical software services, ensuring a seamless user experience during transitions between products.
- Facilitated communication between UI/UX designers and developers, enabling the creation of a user-centric login process that offers both elegance and practicality.

Fullstack Developer | Delphus - Concord, MA   *09/2017 - 09/2019*

- Co-founded a student-led initiative to build a blockchain-based clinical trial management system, balancing high school academics with engineering for transparency, auditability, and data integrity using Solidity, React TypeScript, and elliptic curve encryption.

EDUCATION

Case Western Reserve University - Cleveland, OH   *12/2023*
Bachelor of Science: Computer Science ● Minor in Mathematics

- 3.55 GPA ● Dean's High Honors List, Spring/Fall 2021, Spring 2023
- Relevant Coursework: Artificial Intelligence, Machine Learning, Linux Scripting, Computer Networks, Computer Security, Algorithmic Robotics, Software Engineering

Teaching Assistant - Software Engineering, 01/2023 - 08/2023

- Mentored students in software development best practices and tools (Git, AWS, Azure) while supporting lectures and hands-on classroom activities.

SKILLS

- React Typescript ● Java ● Python
- Go ● C/C++ ● Bash Scripting
- Kubernetes/Rancher
- High School Varsity Tennis Captain/State Champion

- Tensorflow
- Agile/Scrum Project Structure
- AWS Web Development
- Private Pilot's License, 70+ Flight Hours