Zach Bauer

Full Stack Developer

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Professional Experience

Full Stack Developer, *Susquehanna International Group*   Oct 2023 – present
- Heavily contributed to an overhaul of our hardware and location tracking web apps
  - Allows users to draft relocation requests on an interactive floorplan built using Cytoscape.js
  - Instrumental in allowing traders and desk heads to plan new trading strategies for their pods
- Developing internal web applications for trader, support teams, and general firm operations
  - Tech stack includes React, Typescript, C#, and SQL
- Developing Powershell scripts for support teams to easily interface with Active Directory operations such as computer reclaims and user departures
- Maintaining monitoring dashboards using Grafana and Prometheus

Help Desk Analyst, *Susquehanna International Group*   Aug 2021 – Nov 2023
- Provided first-response technical support for non-trading and general purpose applications
- Supported numerous different teams and offices located domestically and internationally
- Provided on-call support after hours on a regular basis
- Some of the main responsibilities included:
  - Desktop troubleshooting
  - Support triage
  - Work from home support
  - Mobile app support
  - Account management

User Services Intern, *SEI - Carnegie Mellon*   May 2019 – Aug 2020
Worked two separate internships in the summers of 2019 and 2020
- Wrote a few AD automation scripts in Powershell
- Worked on configuring and deploying PCs to the environment

Education

Bachelor's in Information Science, *University of Pittsburgh*   Aug 2017 – May 2021
Relevant Courses:
- Web Design & Development
- Data Management with Python
- Human Factors in System Design
- Data Structures & Algorithm Implementation

Skills

Languages: HTML, CSS, Javascript, Typescript, C#, SQL, Powershell

Web Technologies: React, Next.js, Node.js, TailwindCSS