

Maxwell Metzner

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github.com/MaxMetz4

Education

Stevens Institute of Technology, Hoboken, NJ

Bachelor of Science in Computer Science

Focus: Software Development

Sep. 2019 – Expected May 2023

Overall GPA: 3.73/4.0

7x Consecutive Dean's List

Work Experience

TLCengine, Hoboken, NJ

Sep. 2022-Present

Senior Design Project Member

- Developed an automated Foreign Exchange trading system that uses machine learning to predict profitable trades
- Responsible for helping build the predictive models using Python and Metatrader5's platform
- Currently migrating existing processes to Docker and Kubernetes for scalability
- Contributed to a 6-member group with version controls through Bitbucket
- Translating code from MQL5 (C++ based OOL) to Python

Eisai, Nutley, NJ

Jul. 2021-Present

Security Operations Intern, IT Security and Compliance

- Managing global security events for Eisai, a large multi-national pharmaceutical company
- Eisai is a Tokyo-based \$6.73B pharmaceutical company with 10,000+ employees
- Monitored Eisai's SIEM, ticketing and assisting in investigations of security events
- Created standardized workflow for SIEM alert ticketing
- Handled the reporting of malicious emails, working with the Office 365 Team to remove from inboxes
- Compiled incident statistics for all tasks through Excel and investigating event trends

Technical Skills

Languages: Python, Javascript, React, Java, C/C++, R, Ocaml, Racket EoPL, Assembly

Programs: Microsoft Word/Powerpoint/Excel/Outlook, Docker, Photoshop, Slack, LaTeX

Tools: Git, Bitbucket, Visual Studio, Eclipse, Google Colaboratory, Jupyter Notebook

Database Management Systems: MySQL, MariaDB, MongoDB (As part of MERN Stack), Redis

Operating Systems: Microsoft Windows, Debian, Ubuntu, limited experience with Arch

Leadership & Involvement

Stevens Mens Club Volleyball, Hoboken, NJ

Jan. 2020-Present

Team Captain, Secretary

- Played on the Stevens Club Volleyball Team for 4 years as a Middle Hitter
- Played at 2022 NCVF Open Nationals in Phoenix, AZ
- Wrote all online materials for the club team events

Relevant Coursework

- | | | |
|--------------------------|--|------------------------------|
| • Concurrent Programming | • Theory of Computation | • Web Design I/II |
| • Database Systems | • Probability and Statistics | • Online Social Networks |
| • Algorithms | • Intermediate Statistics | • Human-Computer Interaction |
| • Systems Programming | • Agile Methods for Software Development | |