

Erick Meyer

SOFTWARE ENGINEER

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EDUCATION

Drexel University | Bachelor of Science in Computer Science, June 2025 | Philadelphia, PA **GPA: 3.88 / 4.0**
Epsilon Pi Upsilon: Computing and Information Honor Society | Member since May 2023

TECHNICAL SKILLS

Languages: C++, C, Python, Java, Bash, Swift, HTML, CSS, Javascript, Node, SQL

Tools/Frameworks: Git, Docker, Make, CMake, Concourse, Flask, React, OpenGL, Prometheus, Puppeteer, Electron, Express, AWS

WORK EXPERIENCE

Self Employed **Jakarta, Indonesia, Woodbridge, VA, and Edgewater, MD**
Software Developer December 2017 to Present

- Design, develop, and deploy custom web and mobile apps using React, Node.js, and PostgreSQL for clients in e-commerce, fintech, and logistics sectors
- Build secure RESTful APIs and implemented OAuth 2.0 authentication to ensure data integrity and confidentiality for sensitive client systems
- Lead Agile sprints with clients, translating specifications into user-friendly interfaces with responsive designs using React and Bootstrap

Comcast **Philadelphia, PA**
Software Engineering Co-Op April to September 2024

- Automated secure ALB rotation workflows using AWS Lambda, Step Functions, and HashiCorp Vault, improving credential rotation compliance and security
- Enhanced CI/CD pipelines with Jenkins and GitLab, adding credential hooks to boost deployment efficiency and enforce security standards
- Created Slack integrations to notify teams of password rotation events, streamlining DevSecOps communications

Opex Corporation **Moorestown, NJ**
Time-Critical Software Developer March to September 2023

- Developed and deployed time-critical patches in C++ and Python, improving reliability of warehouse automation systems across multiple sites
- Refactored legacy codebases to optimize performance, reducing system lag and boosting operational efficiency
- Automated site setup processes with Python scripts, significantly reducing manual labor for new warehouse locations

Susquehanna International Group **Bala Cynwyd, PA**
Software Developer Co-Op March to September 2022

- Built and maintained monitoring systems using Prometheus and Grafana, ensuring performance and uptime of trading applications
- Developed data visualization tools in Python to analyze market flow and trends, supporting trading strategy development
- Automated specialized team tasks with ad-hoc scripts to improve workflow efficiency and data processing speed

U.S. Department of State - Embassy Jakarta, Indonesia **Jakarta, Indonesia**
U.S. Embassy Seasonal Intern- Information Technology Section August to September 2021

- Conducted comprehensive website audits, updating and standardizing links and ensuring design consistency across the Embassy's internal and extranet sites
 - Designed proposals for residential key management applications, collaborating with the General Services Office to meet security and user requirements
 - Provided administrative support, including records management, secure destruction of paper files, and migration of records to electronic archives as part of the critical mission-wide file digitization project
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