# Noel Brady Brathen

Martville, New York | noel@brathen.net | +1-(315)-515-7014 | LinkedIn | GitHub

## EDUCATION

SUNY Oswego, Oswego, NY | GPA: 4.00     Estimated Graduation - December, 2026

**Bachelor of Science in Computer Science**

- Relevant coursework: Software Engineering, Programming Languages, Systems Programming, Artificial Intelligence Programming Languages

**Minor in Mathematics**

- Relevant coursework: Calculus I - III, Linear Algebra, Discrete Mathematics

## EXPERIENCE

Armory5, Syracuse, NY     Winter 2024-2025

**Help Desk Technician Intern**

- Provided technical support and troubleshooting for hardware, software, and network issues, ensuring timely resolution and minimal downtime.
- Managed user accounts and access control in Active Directory and Microsoft 365, ensuring compliance with organizational policies.
- Monitored and resolved support tickets through a centralized help desk system, consistently meeting or exceeding SLAs.

## PROJECTS

**Grade Management System (GMS) | Java, JSON, Apache Commons Math**     January - May, 2025

- Built a Java-based Grade Management System to load, process, and analyze student grades from JSON data sources, driven by a command-line interface.
- Implemented features for grade calculation, updates, comprehensive grade reporting, departmental summaries, and multi-criteria search functionality (including ranges).
- Developed a student evaluation component using statistical prediction (with Apache Commons Math) to identify at-risk students and generate advisory notices.
- Github link here

***Noel-Brady.com* (Personal Website) | Django (Python), PostgreSQL, Tailwind CSS, JavaScript, Gunicorn, Nginx, AWS EC2, systemd, Linux, DNS, SSL/TLS**     July - August, 2025

- Developed a full-stack portfolio website with Django (Python), PostgreSQL, Tailwind CSS, and JavaScript, featuring responsive UI and dynamic content.
- Deployed on AWS EC2 using Gunicorn + Nginx, automated with systemd, and configured DNS/Elastic IP via GoDaddy.
- Managed Linux server administration, static file pipeline, and enabled production security with SSL/TLS and hardened Nginx settings.
- Website link here

## SKILLS

- **Programming Languages:** Python, Java, C, C#, Javascript, Swift
- **Technologies/Frameworks:** HTML, CSS, Tailwind CSS, JavaScript, Django, PostgreSQL, Gunicorn, Nginx, AWS EC2, systemd, Linux, DNS, SSL/TLS, Maven, Active Directory, Microsoft 365, Apache Commons Math, Git, GitHub
- **Libraries:** Matplotlib, NumPy, Pandas
- **Spoken Languages:** English (fluent), Norwegian (fluent)