NATHANAEL J. BRACY

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EDUCATION

Clarkson University, Potsdam, New York
Bachelor of Science, Computer Engineering, Minor in Mathematics   GPA 3.6/4.0

EXPERIENCE

Innovation Engineer
APM Help (https://apmhelp.com/)   *Feb 2025 - Present*

- Rapidly build and prototype full-stack services to support new product initiatives and feature experimentation.
- Design and implement scalable APIs, data-driven pipelines, and service architectures to enable fast iteration and produce AI-enabled business workflow automations.
- Collaborate closely with product and operations teams to translate business needs into functional software solutions, including an AI powered invoice processing pipeline handling more than 25k invoices.

Student Ambassador
Intel Corporation   *Feb 2025 - Aug 2025*

- Promote awareness and adoption of Intel's oneAPI and associated toolkits among students and faculty.
- Organize and lead workshops on high-performance computing (HPC), parallel programming, and heterogeneous computing.
- Provide technical guidance and mentorship to students exploring AI, machine learning, and accelerated computing using Intel platforms.

Software Engineering Intern
Rappo (https://buildrappo.com/)   *May 2024 - Feb 2025*

- Developed a responsive landing page and blog using **Astro.js** and **Tailwind CSS** ensuring a modern and user-friendly frontend.
- Built reusable web components with **TypeScript** enhancing code maintainability and portability.
- Configured and optimized backend infrastructure on **Google Cloud Platform (GCP)**, to improve server performance and deployment efficiency.
- Managed version control and deployment workflows using **Git** and **Docker**, adhering to best practices for branching, pull requests, and merging.
- Ensured code quality and reliability through comprehensive unit tests and end-to-end testing with **Jest** and **Cypress**.

MEMBERSHIPS

- Institute of Electrical and Electronics Engineers
- Clarkson Open-Source Institute

TECHNICAL SKILLS

- Programming Languages: C++, Go, Python, Rust, Java, TypeScript, VHDL
- Frameworks: Astro, Cypress, Express, Gin, Jest, Puppeteer, Vue
- DevOps: CI/CD, Docker, Git, Kubernetes
- AWS Certified Cloud Practitioner