NATHANAEL JOSEPH BRACY

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School Address
Department of Electrical & Computer Engineering
Clarkson University
Potsdam, New York 13676

Permanent Address
359 Hartford Pike
Dayville, Connecticut 06241

OBJECTIVE

Highly motivated Computer Engineering major with a broad interest in software development and embedded systems seeking a summer internship.

EDUCATION

Bachelor of Science, Computer Engineering
Clarkson University, Potsdam, New York   August 2023 – May 2026

- Recipient of a Clarkson Engineering Scholarship in recognition of academic excellence.

Undergraduate Coursework, Computer Engineering
Connecticut State Community College, Danielson, CT   August 2022 – May 2023

Undergraduate Coursework, Liberal Arts
Thomas Aquinas College, Northfield, MA   August 2021 – May 2022

PROFESSIONAL EXPERIENCE

Domino's	*Customer Service Representative*
Dayville, CT	September 2022 – August 2023
Connecticut State Community College	*Academic Tutor*
Danielson, CT	August 2022 – May 2023
FedEx Ground	*Package Handler*
Willington, CT	May – August 2022
Thomas Aquinas College	*Bookstore Manager*
Northfield, MA	August 2021 – May 2022
Burger King	*Crew Member*
Dayville, CT	March – August 2021
Hale YMCA	*Lifeguard*
Putnam, CT	July 2020 – August 2021

PROJECTS / CONTRIBUTIONS

Yarn Social, Contributor
https://git.mills.io/yarnsocial/yarn

- Refactored auth/login flow to redirect users to the page from which they logged in.
- Redesigned the server-side in-memory cache to resolve issues related to performance and cache consistency.
- Implemented support for feed avatars and descriptions.
- Improved support for Twitter/X feed aggregation.

RavynOS, Contributor
https://github.com/ravynsoft/ravynos

- Implemented automatic mounting of removable media under the /Volumes directory.

Shards, Maintainer
https://github.com/servusdei2018/shards

- Shards is an open-source library I created that extends discordgo with seamless integration with Discord's Sharding API.

SKILLS

- Solid working knowledge of Linux, git, make, and Docker.
- Proficient in microservice architecture and REST APIs.
- Expertise in C++, Go, Python, TypeScript, JavaScript, LaTeX, Markdown, HTML5 and CSS.

MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)
Clarkson Open-Source Institute (COSI)
Clarkson University Outdoors Club (CUOC)

INTERESTS

Weightlifting, hiking, volleyball, kayaking, pizza.