Matthew B.L. Griffith

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Education

Clarkson University, Potsdam, NY   *May 2025*
Bachelor of Science: Software Engineering, Cumulative Average GPA: **3.88**
- Pursuing course requirements towards minors in Mathematics, Business, and Electrical Engineering.

Past Projects/Experience

GE Aerospace – Engineering Engines Computer and Software Engineering Co-op   *January 2024 – June 2024*
- Contributed to the enhancement of software and build processes, as well as successfully restoring lost data. Leveraged Linux systems, coding expertise, and physical testing to drive team success and project efficiency.

The Shipley Center for Innovations – Software and Mechanical Engineering Internship   *February 2023 – Current*
- An entrepreneurial support hub that helps bring business ideas to life.

Founder and President - Clarkson University Software Engineering Club (CUSEC)   *September 2022 – Current*
- Founded and currently president of CUSEC. This is advising me on leadership, communication, collaboration, and business management.
- Collaborate and learn with fellow peers in the topics of Software Engineering, Computer Science, and Electrical Engineering. Scheduled and managed presentations, projects, meetings.

Android Application – Software Engineering team   *August 2023 – December 2023*
- Designed and implemented an Android application that enhanced security for transportation log accounts using keystroke dynamics, offering users personalized and secure access.

Automation Experts Inc. - Internship   *May 2023 – August 2023*
- As an electrician's apprentice at Automation Experts Inc., I conducted inspections and maintenance of electrical systems, prioritizing safety, and efficiency. I actively collaborated with a skilled team, contributing to successful project execution, and embracing continuous learning.

Business Owner - Founder and President, Kid Krew   *2013 – 2021*
- Established, advertised, and managed Kid Krew for 7 years. Educated me in time management, business skills, communication, and customer service.

Skills

Languages: Fluent in Python, C++, C, Perl, Java, HTML, R, MATLAB, VBA, Linux and Unix, Github, Android Studios, Microsoft office
Hardware: Nucleo STM32, Nicla Sense Me Arduino board, accelerometer, servos, and Basys 3 as an FPGA

Honor Societies

IEEE-Eta Kappa Nu (2023-Current), **Tau Beta Pi NYQ** (2023-Current)

Extracurricular Activities at Clarkson

Founder and President Software Engineering Club (2022-Current), **Intern** The Shipley Center for Innovations (2023-Current), **Mechanic and Coder** Underwater Robotic Speed Team (2022-Current), **Member** Clarkson University Club Soccer team (2021-Current), **Intramural** Soccer and Volleyball

Special Achievements/Awards at Clarkson

Commencement Speaker for The Clarkson School (2022), **President's List & Clarkson Presidential Scholar** (2021, 2022, 2023), **The Clarkson School Award** (2022), **Captain** Varsity Soccer of Lowell Highschool (2019-2021), **Captain** Abbey Villa Soccer Club (2020-2021), **Second Degree Black Belt** in the art of Shalin Kempo (2008-2019)

Activities/Volunteer Experience

Relay For Life – Cancer walk (charity event) (2022), **Counselor** – Junior Conservation Camp (2018), **Tutor –** The Clarkson School (2022), **Volunteer –** Polish Community Club (2023)