George D. Crochiere

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EDUCATION

Clarkson University, Potsdam, NY   Expected May 2025
- *Bachelor of Science*, Software Engineering, **GPA:** 3.95; **Minors**: Electrical Engineering, Mathematics.
- **Honors Junior Student**, Senior Credit

North Middlesex Regional High School, Townsend, MA   Aug 2017 – June 2021
- *High School Diploma*, Engineering Concentration**; QPA:** 4.98/4.00, **Valedictorian**, Honors Student

WORK EXPERIENCE

Portsmouth Naval Shipyard, Kittery, ME
- *Data and Management Analyst Internship* – SMART Scholarship   May 2023 – Aug 2023
  - Worked to troubleshoot and optimize data queries in efforts to generate various reporting metrics.
  - Developed tools and reporting systems to innovate reporting methodologies and data cleaning.

Clarkson University, Potsdam, NY
- *Honors Program Teaching Assistant*   Aug 2022 – Present
  - Taught and lectured the Introduction to Programming (MATLAB) Honors courses at Clarkson University.
  - Supported student's understanding of the material through office hours and developing updated curriculum.
- *Contracted Website Development*   Oct 2021 – Jun 2022
  - Utilized WordPress to add, update, and connect pages on websites to make information accessible to students.

Vibram Corporation, North Brookfield, MA
- *IT Intern*   Jun 2022 – Aug 2022
  - Worked to update and troubleshoot computers and programs to adhere to company policy.
- *Production Associate*   Jun 2021 – Aug 2021
  - Assisted with loading raw materials for daily rubber production and lab testing work.

PROGRAMMING EXPERIENCE

Engineering Capstone Project, North Middlesex Regional High School, Townsend, MA   Aug 2020 – Dec 2020
- Built project to demonstrate problem solving for communication efforts between Earth and Mars
- Designed and programmed system to convert text input to laser transmission to be received by photoresistor (Java)

Freelance Coding, Pepperell, MA   Mar 2020 – Present
- Developed personal website to improve on the static webpage development (.NET Blazor)
- Worked on various personal projects and tests to improve coding, including programs focused on automation, data collection and manipulation, and user interaction. (Java, C#, Blazor, SQL)

LEADERSHIP EXPERIENCE

Community Liaison – National Honors Society, North Middlesex Regional High School   Aug 2020 – Jun 2021
- Organized service opportunities for chapter members to take part in through school district.
- Maintained and ran district tutoring service, organized tutoring between approximately 30 students and tutors.
- Worked with other officers to run meetings and keep functions maintained.

Boy Scouts of America – Troop 26 Pepperell, MA   Mar 2014 - Present
- Eagle Project - Managed and organized service project to benefit Pepperell Housing Authority which consisted of planning, fundraising, building, and organized the construction of an outdoor pavilion for recreational use.
- Community Service - Lead and helped in various service, community, and Eagle projects to benefit community.
- Youth Leadership - Held several leadership positions, including Senior Patrol Leader, Instructor, Junior Assistant Scoutmaster, and several more.
- Adult Leadership - Currently registered with adult role of Unit College Scouter Reserve (Previously Assistant Scoutmaster).
- Ensured safety and enjoyment of scouts while running program to develop outdoor, leadership, and community skills.

SKILLS & AWARDS

Computer: Java, MATLAB, Python, C++, C#/.NET, SQL, Microsoft Office/Power Query M, Visual Basic for Applications, Microsoft Power, WordPress, Wix, HTML/CSS/JS, VHDL

Certifications: Youth Protection Training, National Youth Leadership Training, American Heart Association Heartsaver First Aid CPR AED, American Red Cross Wilderness and Remote First Aid

Awards: Eagle Scout (2018), SMART Scholarship Recipient (2022 Cohort)

ADDITIONAL COMMUNITY SERVICE

Website Development **–** Waddington Historical Association   Sept 2022 - Present
Tutoring **-** National Honor Society/Independent   Sept 2019 - Present