

Andrew Rioux

Email: rioux.d.andrew@gmail.com | <https://r-a303931.github.io>

OBJECTIVE: To learn more about Computer Science, Engineering, and to develop analytical skills

EDUCATION: **Associate of Science in Engineering** **expected May 2020**

Discipline of Interest: Computer Science

College of Southern Maryland, Leonardtown, MD

GPA: 3.75

Courses taken include:

- Differential Equations
- Computer Science II

EXPERIENCE: Software Engineer (intern) **Summer 2018**

Hired by the United States Navy through SEAP (Science & Engineering Apprenticeship Program) to redo testing software

- Demonstrated an ability to learn, learning 3 programming languages in order to perform in my job
- Earned a reputation as a talented programmer. Developed software that is used to test radio hardware to a standard.
- Demonstrated an ability to work, working on average nine and a half hours a day throughout the summer

Software Engineer (volunteer)

August 2016 to Present

Working at a small startup to produce the best management tool for Civil Air Patrol

(<https://md082.capunit.com/>)

- Demonstrated an ability to learn from mistakes and to think long term, with regards to scalability
- Demonstrated an ability to work according to a standard and as part of a team, writing over 90% of the code (50,000 lines) while instructing others on maintenance
- Demonstrated an ability to interface with other APIs, including an ASP.NET website, Google, and Amazon AWS

SKILLS: **Programs:** MS Excel, Visual Studio, Git, SOLIDWORKS

Programming languages: C#, Java, HTML/CSS, Python, C/C++, TypeScript/JavaScript, +31 other languages

ACTIVITIES: **Cadet Deputy Commander, Civil Air Patrol, May 2018-Present**

- Leading and growing the largest formation of cadets in the state of Maryland through weekly meetings
- Improving the management of the squadron through automation

Team Leader, CyberPatriot, August 2016-Present

- Training cadets to perform in the CyberPatriot competition, leading them to find and secure holes in a computer's security
- Currently leading the best Open Division CyberPatriot team in Maryland, holding the 1st place position in the Platinum tier