Natalie Shafer natalieshafer95759@gmail.com (240) 591 – 8769

**CAREER OBJECTIVE**

Diligent graduate of Hood College with a degree in Computer Science with a minor in Mathematics. My goal is to use my proven analytical, problem-solving, and teamwork skills to successfully fill a role at your company. I have experience working on projects involving modeling, simulation, and analytics.

**EDUCATION**

**Hood College, Frederick MD**

*B.S. Computer Science, Minor in Mathematics, GPA: 3.93, (Graduation May 2020)*

*Relevant Coursework:*

* Algorithm Analysis
* Principles of Software Engineering
* Programming Languages
* Modeling and Simulation

**Hagerstown Community College, Hagerstown MD**

*A.S. Computer Science / A.S. Mathematics, GPA: 3.92, (Graduation 2018)*

*Relevant Coursework:*

* C/C++ Programming
* Unix/Linux Operating Systems
* Discrete Math
* Calculus I, II, III

**SKILLS**

Microsoft, C/C++, Java, Linux/Unix systems, Assembly, R, Python, SQL, PHP, HTML

**PROJECTS**

Worked as part of a team to develop a steganography application in Java which is used to conceal an image or text in an image. [Information](https://natalieshafer.github.io/Steganography.html) | [Code](https://github.com/NatalieShafer/Steganography)

Worked as part of a team to develop an ocean drift simulator in Java as a senior project which takes ocean current and wind data to predict the path of an object adrift. [Information](https://natalieshafer.github.io/OceanDrift.html) | [Code](https://github.com/NatalieShafer/DriftSimulator)

**AWARDS & HONORS**

* Commendation of Academic Excellence in Mathematics 2018
* Dean’s List 2017 - 2020
* Computer Science Faculty Award 2019
* Raymond L. and Louise K. Gillard Prize 2020
* National Association of Model Rocketry Scholarship (2017 - 2020)
* Maryland State Delegate Scholarship (2017 - 2020)
* Hood College Leadership Scholarship (2019 - 2020)

**EXTRACURRICULAR**

* Phi Theta Kappa (Honors Society)
* Upsilon Pi Epsilon (Computing Honors Society)
* Pi Mu Epsilon (Math Honors Society)
* Code Blazers (Coding Club)