Natalie Shafer

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**CAREER OBJECTIVE**

Hard-working Computer Scientist with a minor in Mathematics (3.91 GPA) graduate of Hood College. My goal is to use my proven analytical, problem-solving, and teamwork skills to successfully fill the role at your company. I have experience working on projects involving modeling, simulation, and analytics. Frequently praised as diligent by my peers and professors, I can be relied upon to help your company achieve its goals.

**EDUCATION**

**Hood College, Frederick MD**

*B.S. Computer Science, Minor in Mathematics, GPA: 3.91, (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

**SKILLS**

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

**PROJECTS**

I worked on 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)

I worked on a team to develop an ocean drift simulator in Java which takes ocean current and wind data and predicts 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 (HCC)
* Dean’s List 2017 - 2020
* Computer Science Faculty Award
* Raymond L. and Louise K. Gillard Prize
* National Association of Rocketry Scholarship (4 Years)
* Maryland State Delegate Scholarship (4 Years)
* Hood College Leadership Scholarship (2 Years)

**EXTRACURRICULAR**

* Phi Theta Kappa member
* Upsilon Pi Epsilon member
* Pi Mu Epsilon member
* Code Blazers (coding club)