Natalie Shafer

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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 | Code

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 | Code

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)