Rachel Shafer

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SUMMARY

Recent computer science graduate with experience in different development processes, gathering requirements, design, implementation, and testing. Productive on individual and team projects and eager to continue learning useful skills in the workforce and contributing to a company.

SKILLS

C\C++, Java, SQL, HTML, CSS, PHP, R, Python, Linux, Microsoft Office, SDLC, Git

PROJECTS

- Developed a steganography application as a part of a team to encode or decode text or an image in another image.(Java) Code | Information
- Developed a drift simulator as a part of a team to predict the most likely location of an object lost at sea in the Gulf Stream area using the last known position, the time the object was there, and the object type. (Java) Code | Information

EDUCATION

B. S. Computer Science with a minor in Mathematics - Graduated in May 2020

- Hood College, Frederick MD
- GPA 3.93
- Relevant course work: Data Structures, Algorithm Analysis, Database Management, Software Engineering, Programming Languages, Operating Systems, Simulation and Modeling

A.S. Computer Science and A.S. Mathematics - Graduated in May 2018

- Hagerstown Community College, Hagerstown MD
- GPA 3.92
- Relevant course work: C/C++, UNIX/Linux, Discrete Math, Calculus I, II, and III

AWARDS

Commendation of Academic Excellence in Mathematics – HCC

Dean's List (2017 – 2018) HCC and (2018 – 2020) Hood College

The Computer Science Faculty Prize 2019 - Hood College

The Raymond L. and Louise K. Gillard Prize 2020 (Computer Science award) - Hood College

National Association of Model Rocketry Scholarship (2016-2019)

Maryland State Delegate Scholarship (2016-2019)

Hood Leadership Scholarship(2018-2019)

ACTIVITIES AND INTERESTS

- Member of Phi Theta Kappa (International honor society of two-year colleges)
- Upsilon Pi Epsilon (International honors society in the Computing and Information disciplines)
- Pi Mu Epsilon (U.S. honorary national mathematics society)
- Hood College's Codeblazers (Coding Club) (2019 - 2020)