

Rachel Shafer

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SUMMARY

Software developer with experience in designing, developing, and testing stand-alone applications. Experience with life-cycle of software development process including 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.

PROJECTS

- Developed a steganography application on a team to encode or decode text or an image in another image.(Java) [Code](#) | [Demo](#)
- Developed a drift simulator on 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](#) | [Demo](#)

SKILLS

C\C++, Java, SQL, HTML, PHP, R, Python, Excel, Linux environnement, Github, Microsoft Office

EDUCATION

B. S. Computer Science with a minor in Mathematics

- Hood College, Frederick MD
- Graduated in May 2020
- GPA 3.91

A.S. Computer Science and A.S. Mathematics

- Hagerstown Community College, Hagerstown MD
- Graduated in May 2018
- GPA 3.92

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

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

Scholarships:

- National Association of Rocketry (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), and Hood College's Codeblazers (Coding Club) (2019 - 2020)