

Claire Furtick

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EDUCATION

THE GEORGE WASHINGTON UNIVERSITY, School of Engineering and Applied Science
B.S. in Computer Science, Minor: Mathematics

Washington, DC
Expected April 2022

GPA: 3.55; University Honors Program; Presidential Scholarship

Relevant Coursework: Computer Architecture, Systems Programming, Databases, Operating Systems, Algorithms

TECHNICAL SKILLS

Programming Languages:

Proficient: Java, C, Python, HTML, PHP

Familiar with: C++, CSS, JavaScript

Operating Systems and Software: Windows, macOS, MATLAB, Linux

RELEVANT EXPERIENCE/PROJECTS

UNDERGRADUATE RESEARCH

Research Student

Washington, DC
January 2020 – Present

- Develop, improve, and test code for Post-Election Tabulation Audits in MATLAB and an open source Python Library
- Meet with a team that includes supervising professor, undergraduate peers, and other audit and election professionals to collaborate on ideas and provide updates on timely progress

UNIVERSITY ACADEMIC SUPPORT RESOURCES

Undergraduate Teaching Assistant

Washington, DC
August 2020 – Present

- Assisting professors teaching Computer Science courses in creating online lecture material and attending classes and recitations
- Hold weekly office hours as an additional resource for students taking the course

GIRLS WHO CODE AT ADOBE

Summer Immersion Program Participant

Seattle, WA
June – August 2017

- Learned basic programming skills and languages with a diverse group of women
- Improved valuable skills in communication, teamwork, and leadership by developing a final project with a small team and presenting it to an audience

OTHER LEADERSHIP ROLES

PUBLIC HEALTH – SEATTLE AND KING COUNTY

Grant Proposal Reviewer

Seattle, WA
May – June 2019

- Assessed and discussed multiple grant proposals from healthcare organizations applying to run School-based Health Centers
- Served as the youth representative on a panel that also included medical professionals, school administrators, and other community members

HPV AWARENESS CAMPAIGN

Student Advocate

Seattle, WA
Fall 2016 – Spring 2018

- Co-founded a branch of a campaign at my high school to educate students about HPV, the importance of the vaccine, and access to available health resources
- Received two awards from the King County Board of Health and one award from the Washington State Department of Health

Interests: Community engagement and advocacy, hiking, cooking