

William Woodruff

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PERSONAL STATEMENT I am interested in high-impact work that makes use of and contributes to the open-source world, especially in the field of computer security.
I am not currently available for hire.
I do not respond to third-party recruiters.

EDUCATION *The University of Maryland, College Park*, graduated May 2018 (maj. GPA 3.81).
The Bronx High School of Science, graduated June 2014 with honors.

PROFESSIONAL EXPERIENCE *Engineering Director, R&D practice* *January 2023 –*
Trail of Bits, Manhattan, New York

- *Responsible for directing the Open Source Ecosystem Security group.*

Senior Security Engineer, R&D practice *January 2020 – January 2023*
Trail of Bits, Manhattan, New York

- *Program manager and technical lead for program analysis research across DARPA programs.*
- *Responsible for scoping, contracting, and technical leadership across open-source security contracts.*

Security Engineer, R&D practice *June 2018 – January 2020*
Trail of Bits, Manhattan, New York

- *Individual contributor on DARPA-funded compilers and program analysis research.*
- *Individual contributor on client-funded security tooling and infrastructure engineering.*

Course Facilitator (CMSC389R) *January 2018 – May 2018*
Dept. of Computer Science, University of Maryland, College Park

- *Developed a syllabus, lectures, and assignments for a course on ethical hacking.*
- *Led classroom presentations and discussions.*

Mentor, Google Summer of Code *May 2017 – August 2017*
Homebrew *May 2020 – August 2020*

- *Oversaw a GSoC student and worked with them on their chosen project.*
- *Reviewed code submissions and provided development assistance for all students.*

Software Engineering Intern *June 2016 – August 2017*
Cipher Tech Solutions, Elkridge, Maryland

- *Developed programs for forensic analysis and data recovery.*
- *Limited additional information available upon request.*

**SERVICE,
HONORS,
EXTRA-
CURRICULARS**

- *Member, Homebrew Project (2016 –)*
- *Member, Maryland Cycling Team (2015 – 2018)*
- *Member and Officer, Maryland Cybersecurity Club (2014 – 2018)*