

William Woodruff

yossarian.net – github.com/woodruffw – william@yossarian.net

PERSONAL STATEMENT

I am looking for interesting, open-source, impactful work.

EDUCATION

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

PROFESSIONAL EXPERIENCE

Course Facilitator (CMSC389R) January 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

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

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

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

Student, Google Summer of Code June 2015 – August 2015
Github (Homebrew) June 2016 – August 2016

- Adapted Homebrew's binary distribution system (bottles) to remove dependencies on Xcode and the CLT, required previously for binary name relocation operations.
- Implemented a Mach-O binary parser and constructor in Ruby to handle dynamic library name relocations as required by Homebrew.

Research Writer December 2014 – April 2016
Dept. of Computer Science, University of Maryland, College Park

- Charged with writing articles and summaries on systems research in the Computer Science department.
- Published on the CS departmental website and in *Shell*, the department's biannual magazine.

SERVICE, HONORS, EXTRA-CURRICULARS

- Member, Maryland Philosophy Club (2018 –)
- Member, Homebrew Project (2016 –)
- Member, Maryland Cycling Team (2015 –)
- Member and Officer, Maryland Cybersecurity Club (2014 –)
- Presidential Scholar, University of Maryland (2014 –)
- Contributor, OSS (Homebrew, mpv, linux-man, Crystal, cinch, feh, CocoaPods, ...)
- Winner, Hackathons:
 - HackBCA 2014 (Top 20)
 - HackUMBC 2014 (First Prize)
 - HackDuke 2014 (IBM Prize)
 - Bitcamp 2015 (Multiple Prizes)
 - Daemon Dash 2015 (Cipher Tech Prize)