MATT WALTERS

Email: mwalter1@umd.edu

Cell: 301-351-1671

Site: mattwalters.me

4409 Fairfield Drive

Bethesda, MD 20814

Education

University of Maryland

B.S. Computer Science

Expected May 2020

Skills

Languages:

Java, Python, HTML/CSS/JS,

C, Ruby, OCaml

Frameworks/Tools:

Bootstrap, Jinja2, JQuery, Git,

JIRA, Illustrator, Sketch

Coursework

Organization of Prog. Languages

Algorithms

Intro to Computer Systems

Discrete Structures / Math

Human-Computer Interaction

Database Design

Experience

Software Engineering Intern, Fannie Mae
June 2018 - August 2018
- Automated the error-prone task of mortgage forecasting to reduce the total process time from 18 days to 8.
- Collaborated with other backend developers to transfer mortgage forecasting tools in Excel into our product's Python backend within a UNIX environment.

Intern, Fannie Mae
June 2017 - August 2017
- Automated many parts of development by creating a daemon to run monthly pre-processing and writing utilities to parse through thousands of files and replace/wrap specified lines of SAS code.

Team Leader, College Sucess Scholars, UMD
May 2017 - Present
- Maintained Excel databases to track scholar information and create reports after data analysis.
- Led a group of African-American and Latino males to provide academic guidance and support their general well-being.

Office Assistant, Office of Multiethnic Student Ed., UMD
September 2016 - May 2017
- Interfaced with the public through verbal and written communications in response to program inquiries, participants' requests, and periodic staff and program schedule updates.

Projects

Redirectr
August 2018
- Developed a chrome extension using the Chrome WebRequest API and JS to ehance the user experience with site redirection through a sleek design.

Mattwalters.me
May 2018
- Designed and programmed a personal website from scratch integrating Bootstrap and jQuery.

"SmallC" Lexer, Parser, and Interpreter
March 2018
- Engineered a lexer, parser, and interpreter using OCaml to convert a text file into a small C-like language for execution.

Organizations

Expectations Chairman, Sigma Nu, UMD
May 2018 - Present
- Ensured that group of 80+ young men met the UMD Vision and Sigma Nu National Pursuit of Excellence Requirements.

Member, Android App Dev. Group, UMD
September 2016 - December 2017
- Utilized Android Studio (Java) to begin development of an app to increase student retention and streamline weekly form submission within an on-campus organization.

Volunteer, I Can Do That Project, UMD
September 2016 - May 2017
- Tutored students from a low performing high school in Adelphi, MD