GREGORY JEFFREY WILLS

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EDUCATION
Georgetown University, Georgetown College, Washington, DC
Bachelor of Science, Expected May 2019
Major: Computer Science, Major GPA: 3.56/4.0, Dean's List (3 Semesters)
Minor: Business Administration

WORK EXPERIENCE
Tenable Network Security, Columbia, MD
Software Engineering Intern, June – August 2018
- Developed a debug report application using Flask and Jinja2 to facilitate relations between support engineers and clients
- Investigated and improved python automated testing framework by examining adequacy of command line interface, API, and endpoint tests and writing fixture to facilitate speed of nightly runs
- Implemented debug script for both Windows batch file and Linux shell script on the team's project

RELEVANT PROJECTS
Chatter (https://github.com/gjw13/ChatRoomP2)
Programmer, Spring 2016
- Created a chatroom Java application that receives connections from one or more clients and relays messages to existing clients
- Utilized threads and sockets to facilitate timing of messages in chatroom

Food Diary (https://github.com/gjw13/FoodDiary)
Group Participant, March 2017
- Devised a double MapReduce scheme using Hadoop that parsed input files of feelings and foods
- Calculated the top 5 foods with highest incidence rate for each feeling

Pseudo Shell (https://github.com/gjw13/PseudoShell)
Programmer, March 2018
- Worked with C language to design a simple shell that replicates some of the basic features of a traditional shell
- Implemented the ability for piping to allow sequences of processes to communicate using commands such as fork and execv

APPLICABLE COURSES AND SKILLS
- Languages: C++, Java, Python
- Systems: Linux, Hadoop, Android, Mac OS
- Tools: Git, Xcode, Eclipse, DB Browser for SQLite, VMWare VSphere Client
- Relevant Coursework: Discrete Mathematics, Data Structures, Hardware Fundamentals, Computer Systems, Advanced Programming, Programming Languages, Algorithms, Operating Systems, Information Assurance, and Network Security

EXTRACURRICULAR ACTIVITIES
Entrepreneurship Fellows Program - Georgetown's McDonough School of Business, Washington, DC
Fellow, January 2017 - Present
- Develop an entrepreneurial mindset through guest speakers, thinking experiments, and reflective exercises

Author of *Plugged In: How AI Will Enhance an Evolving Sports World*
Author, published April 2018
- Interviewed experts in fields of Artificial Intelligence and professional sports to research the applications of AI in sports
- Crafted a manuscript, designed a cover, gained endorsement quotes, and marketed the book before and after publication

Habitat for Humanity, Washington, DC
President, April 2017 - Present
- Lead executive board of peers, organize meetings, and institute partnership with DC Habitat Young Professionals
- Institute volunteering opportunity at the Habitat Re-Store for interested members
Co-Chair for Campus Outreach, September 2016 - April 2017
- Cultivated a stronger presence on campus through tabling, fundraising, and communication with other campus organizations