

THOMAS J. MAGNAN

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EDUCATION

The George Washington University, Washington, DC May 2018
Bachelors of Science in Computer Science
Minor in Business Administration
Deans List (Fall 2014, Spring 2015) | 3.65 Cumulative GPA

EXPERIENCE

National Science Foundation Research Experience for Undergraduates Feb. 2016-Present
Research Fellow

- Advisor: Dr. Poorvi Vora, Ph.D. | GW School of Engineering and Applied Science
- Analyzing the implementation of number theory algorithms in the Number Theoretic Library in C++.

GW Center for Student Engagement Sept. 2015-Present
Resident Advisor

- Developing a positive living environment designed to promote community amongst the hall.
- Serve as a professional liaison between the University, their resources, and my residents.

GW Housing Sept. 2014-Present
Student Associate

- Manipulates databases in Access, Mercury and Excel to create necessary reports for professional staff.
- Assists the Housing department by answering phone calls, emails, Walk-In's and weekly projects.

Peoples Trust Company, St. Albans, VT June 2013-Sept. 2015
Seasonal Teller

- Educated in proper safety protocols, and Federal and State Regulations
- Worked with excel and various Teller software to interact with in-person/virtual customers.

GW Colonial Inauguration Nov. 2014-Sept. 2015
Orientation Leader

- Selected from over 200 applicants to serve on a diverse team of 34 individuals.
- Served as a representative of GW to over 5,000 students and their families.
- Collaborated efficiently to necessary projects on strict timelines.

APPLICATION OF TECHNICAL SKILLS

Human v. Zombies Game in Java Nov. 2015
◦ I created a GUI that responded to user input as well as automated interaction between the humans, zombies and the various obstacles.

leJOS Maze Navigation program in Java Nov. 2014
◦ We designed a java program that navigated a maze, found its destination, and returned to its starting location from memory.

SERVICE & LEADERSHIP

GW Dance Marathon Sept. 2014-Present
Rising Executive Director | Outgoing Director of Fundraising Events

- Works amongst a executive team of 25 raising funds and awareness for Childrens National Health System. In only three years we have raised over \$240,000 for the kids.
- Reaches out and collaborates with local businesses to host profit-share events and obtain catering donations for the event.
- Analyzes effectiveness of various social media efforts to promote fundraising events.

GW Alternative Breaks, New York Nov. 2015-Mar. 2016
◦ We are raising funds and awareness for homeless youth in NYC that culminates in a service trip during Spring Break to collaborate with organizations in NYC around the focus of homelessness.

TECHNICAL SKILLS

- Programming Languages: Java, C, learning Python, C++, HTML, CSS, JavaScript
- Operating Systems: Windows, Mac OS, UNIX
- Software: Eclipse, Cloud9 IDE, GitHub, Microsoft Office, VMWare, Adobe Creative Suites, Google Apps