SHIVA OMRANI

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EDUCATION

George Washington University, Washington, DC   **May 2020**

Bachelor of Science in Computer Science

TECHNICAL SKILLS

- Programming languages: Java, Python, PHP, C, C++, MATLAB, HTML
- Databases: SQL Server, MySQL, DynamoDB
- Operating System: LINUX, Windows XP, 7 and 8, UNIX, RHEL, Mac OS platform
- Version Control: GitHub, SVN

EXPERIENCE

Software Engineer Intern, Amobee, Reston, VA   **May-August 2019**

- Developed, integrated and deployed new services including spring-based applications and AWS service applications.
- Wrote comprehensive tests using Mockito and Junit.

Undergraduate Research Assistant, The George Washington University, Washington, DC   **2018**

- Worked towards increasing election integrity and mitigating the risk associated with computerized voting system by developing independent election audits to verify the announced election results.

- Implemented the code of an alternate audit that outperforms former audits in terms of accuracy and efficiency.

Learning Assistant, The George Washington University, Washington, DC   **Fall 2018-Spring 2019**

- Assisted students in Discrete Structures II and Intro to Programming with Python with in-class and in-lab activities and during office hours.

Software Engineer Intern, Comcast Research Lab, Washington, DC   **2017-2018**

- Programmed and tested the overall codes to satisfy the boundaries and corners of new natural language processing developed by Comcast.
- Integrated and debugged the other modules developed by team members to fit into the design.
- Worked and consulted with senior engineers in optimization of the program in efficiency, security methods, and modularity.

Lab Technician, SEAS Computing Facility, Washington, DC   **2017-2018**

- Troubleshooted and maintained computer labs, classroom A/V equipment, and 3D printers.
- Assisted students, and faculty with technical issues as they arise in person, over the phone, and email.

Math Teacher Assistant, Mathnasium LLC, Reston, VA   **2015-2016**

- Helped students to comprehend the concepts and lessons of Calculus and Discrete math courses.

AWARDS/HONORS

Steve and Shelley Heller Award   **2018**

- Awarded to the sophomore female student with the highest GPA who demonstrates scholarship and leadership.