

# SHIVA OMRANI

(e)[somrani@gwu.edu](mailto:somrani@gwu.edu); (p) (571)342-1814; [www.linkedin.com/in/shiva-omrani](http://www.linkedin.com/in/shiva-omrani)

## EDUCATION

**George Washington University, Washington, DC**

**May 2020**

Bachelor of Science in Computer Science GPA: 3.84/4.0

## TECHNICAL SKILLS

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

## EXPERIENCE

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

**2018**

- Working towards increasing election integrity and mitigating the risk associated with computerized voting system by developing government independent election audits to verify the announced election results.
- Implementing the code of an alternate audit that outperforms former audits in terms of accuracy and efficiency.

**Learning Assistant for Discrete Structures II, The George Washington University, Washington, DC** **2018**

- Assisting students with discrete structures and mathematics used in computer science during in class and in lab activities and office hours.

**Software Engineer Intern, Comcast Research Lab, Washington, DC**

**2017-2018**

- Programming and testing the overall codes to satisfy the boundaries and corners of new natural language processing developed by Comcast.
- Integrating and debugging 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**

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

**Math Teacher Assistant, Mathnasium LLC, Reston, VA**

**2015-2016**

- Help 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.

## CLUBS/ORGANIZATIONS

**Alpha Omega Epsilon Engineering Sorority**

**2016-2018**