SHIVA OMRANI

2384 Hunters Squares CT, Reston, VA 20191
(e)somrani@gwu.edu;(p) (571)342-1814; www.linkedin.com/in/shiva-omrani

EDUCATION

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

Bachelor of Science in Computer Science; Minor in Mathematics, **GPA:** 3.82/4.0

TECHNICAL SKILLS

- Programming languages: Java, HTML, PHP, 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

Comcast Research Lab, Software Engineer Intern, 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 Assistants, 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

National Organization for the Development of Exceptional Talents (NODET)   **2009- 2014**

- Selected for a school for gifted based on a national entrance exam

CLUBS/ORGANIZATIONS

Alpha Omega Epsilon Engineering Sorority   **2016-2018**

GW Tech Collective   **2016-2017**