645 Ocean Parkway Apt E3
Brooklyn New York 11230
linkedin.com/in/rano-marufova

Rano Marufova

(667) 319-8112
ranomarufova@gmail.com

Skills

- **Programming Languages:** Python: pandas, matplotlib, scikit-learn; JavaScript: React Native; SQL, Java, HTML, CSS
- **Software:** Microsoft Office: Excel, PowerPoint, Access; Tableau, Canva, ArcGIS Pro
- **Personal:** Strong Work Ethics, Creativity, Punctuality, Leadership, Attentive Listener, Quick Learner
- **Natural Languages:** English, Russian, Uzbek

Employment

GIS Student Analyst — **Washington College Geographic Information Systems (GIS) Program** — February 2022 – December 2023

- Analyzed crashes and stops data on ArcGIS Pro for Maryland Highway Safety Office and leads the team of students on the completion of various analysis projects.
- Built a Python program to replace Excel operations and reduced the time-consumption and human-error factor of the analysis processes.

Undergraduate Student Researcher — **Washington College Toll Fellowship** — May 2023 - July 2023

- Applied Machine Learning Algorithms on simulated data from ATLAS to optimize background rejection and signal efficiency of Di-Higgs boson.
- Updated and populated the lab's website and ensured mobile responsiveness.

Ideaworks Makerspace Consultant — **Washington College Ideaworks Lab** — February 2022 - December 2023

- Guided students on various production techniques including audio and video production, 3D printing, and other facilities available within the makerspace.
- Assisted students with technical and creative elements to help them use makerspace to its full potential.

Education

Washington College — **Chestertown, MD** — Aug 2020 – December 2023 (Expected)

- B.S. in Computer Science and B.A. in Business Management, GPA: 3.87
- STEM GPA: 4.0
- Minor: Data Science
- Relevant Coursework: Machine Learning, Database Systems, Software Engineering, Design and Analysis of Algorithms, Theory of Computation, Managerial Statistics, Object-Oriented Programming, Financial Analysis

Leadership and Achievements

Libby and Douglass Cater Society — **Junior Fellow** — February 2022– Present

- Received $5k grant to conduct research with a professor on developing a cross-platform application for lower-class Computer Science students to learn Python
- Attends bi-weekly research presentations of Junior Fellows on the processes and results of their projects

STEM Sisters Club — **Co-Founder and President** — December 2021– Present

- Coordinates and facilitates professional development opportunities, such as workshops and networking events, to enhance members' knowledge and skills in STEM-related fields.
- Created a supportive community of women inspired to collaborate and work together. Promoted the club and its activities through outreach and communication efforts, including social media, flyers, and club fairs.
- Trained members to take programming classes by discovering their potential through introductory workshops

William B. Johnson Internship Fund (2022) - became one of 13 recipients of $2.5k internship fund

Omicron Delta Kappa(2022) - the National Leadership Honor Society, recognizes and encourages superior leadership and exemplary character

Washington College Dean's List (all semesters)