Anton Yanovich

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EDUCATION

Carnegie Mellon University — Pittsburgh, PA
Master of Science in Mechanical Engineering — May 2024
Current coursework: Modern Control Theory, Computer Vision, AI/ML, Engineering Computations

The George Washington University — Washington, DC
Bachelor of Science in Mechanical Engineering / Minor in Business — May 2023
GPA: 3.68/4.0, Dean's List
Rewards & Accomplishments: Presidential Academic Scholarship, SUPER Research Fellowship, Pelton Prize Nominee, Pitch George Finalist (business pitch competition), New Venture Competition Semi-Finalist

TECHNICAL SKILLS

Software: VS Code, MATLAB, Simulink, Microsoft Office Suite, Adobe Suite
Programming Languages: Python, C++, JAVA, MATLAB, LaTeX, HTML
Operating Systems: Windows, Linux, Mac OS
CAD: Inventor, SOLIDWORKS, SolidEdge, SketchUp
Languages: English, Russian, French, Romanian

EXPERIENCE

AirLab - Robotics Institute, Carnegie Mellon University — Pittsburgh, PA
Research Assistant – TartanDrive — October 2023 – Present

- Integrate thermal imaging with the current vehicle configuration.
- Facilitate mechanical design, upgrades, and repairs.
- Develop proficiency and explore project advancements in data collection via computer vision and analysis.

Biofluids and Dynamics Lab - George Washington University — Washington, DC
Research Assistant – MTV to Measure Wall Shear Stress in Model Cardiovascular Flows — June 2021 – August 2023

- Selected by mentors as part of the SUPER fellowship program.
- Spearheaded experimental design and assembly via coordination with mentors, collaborators, and machining staff to produce ready-to-use experimental assemblies in 50% less time.
- Provided mentorship to interning students in Python.

George Washington University — Washington, DC
Learning Assistant – Intro to Mechanical & Aerospace Engineering — September 2022 – December 2022

- Supported students in classroom discussions and administered lab activities.

Drone Point Solutions — Washington, DC
Product Engineering Intern – In-Flight Contact Charging Assembly — January 2022 – September 2022

- Presented viable designs and solutions for rapid drone-charging to meet customer needs.
- Developed familiarity with the EV, solar power, and power management industries by researching relevant technologies.
- Gained first-hand experience in strategy and growth of a technology start-up.

LEADERSHIP

Section Chair, GWU American Society of Mechanical Engineers (ASME) – Washington, DC September 2021 – May 2023

- Organized leadership board and increased participation and student membership by 300%