

Anton Yanovich

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EDUCATION

Carnegie Mellon University

Master of Science in Mechanical Engineering

Current coursework: Modern Control Theory, Computer Vision, AI/ML, Engineering Computations

Pittsburgh, PA

May 2024

The George Washington University

Bachelor of Science in Mechanical Engineering / Minor in Business

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

Washington, DC

May 2023

TECHNICAL SKILLS

Software: VS Code, MATLAB, Simulink, Adobe Suite, Microsoft Office Suite

Programming Languages: Python, JAVA, C++, MATLAB, LaTeX, HTML

Operating Systems: Windows, Linux, Mac OS

CAD: Inventor, SOLIDWORKS, SolidEdge, SketchUp

Languages: English, Russian, French, Romanian

EXPERIENCE

Carnegie Mellon University

Research Assistant (Incoming)

Pittsburgh, PA

September 2023 – TBD

- Applying for academic research positions with robotics and control applications.

George Washington University / Biofluids and Dynamics Lab

Research Assistant / Summer Undergraduate Program for Engineering Research (SUPER)

Washington, DC

June 2021 - August 2023

- Hand-picked by mentors as part of the SUPER fellowship program
- Spearheaded experimental design and assembly through individual effort and by active coordination with mentors, collaborators, and machining staff to produce ready-to-use experimental assemblies
- Mentored interning students in data processing via Python and attended R&D conferences

George Washington University

Learning Assistant - Intro to Mechanical & Aerospace Engineering

Washington, DC

September 2022 - December 2022

- Supported students by facilitating classroom discussions and administering lab activities

Drone Point Solutions

Product Engineering Intern

Washington, DC

January 2022 - September 2022

- Gained first-hand experience in the management and strategy of a growth-stage start-up
- Created insight into the EV, solar power, and power management industries by performing research on relevant technologies
- Presented viable designs and problem solutions for drone rapid-charging and to meet customer needs

ACADEMIC PROJECTS

Capstone Design Project / SecuFoam

George Washington University

Washington, DC

August 2021 - May 2023

- Formed an interdisciplinary collaboration of five students and mentors to design an Internet of Things (IoT) integrated public health device
- Adapted project management strategies with routine planning and tasks with 100% improvement in productivity
- Pursued incubator programs such as GWU I-Corps and performed customer discovery to elevate product value
- Led venture by performing in-depth market and business model research to compete in New Venture Competition
- Achieved departmental project distinction and nomination for the Pelton Prize

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%