

## 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 (pitch competition), New Venture Competition Semi-Finalist

Washington, DC

May 2023

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### 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

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### EXPERIENCE

#### George Washington University / Biofluids and Dynamics Lab

Research Assistant / Super Fellow

Washington, DC

June 2021 - August 2023

- Hand-picked by mentors as part of the SUPER fellowship undergraduate research 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

#### 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

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### 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 efficient planning and design execution through project management techniques
- Pursued incubator programs such as GWU I-Corps and performed customer discovery to elevate product value
- Led business 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

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### LEADERSHIP

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

- Organized leadership board and established participation and student membership from a few to over 80 members