Anton Yanovich

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EDUCATION

The George Washington University **Washington, DC**
Bachelor of Science **May 2023**

Bachelor of Science in Mechanical Engineering / Minor in Business

- GPA: 3.69/4.0, Dean's List
- GWU Presidential Academic Scholarship
- Relevant coursework: Mechatronics Design, Non-Linear Controls, Energy & Sustainability, Thermal Systems Design, Biomechanics, Fluid Dynamics, Product Management

TECHNICAL SKILLS

- Software: Adobe Suite, Google Suite, Microsoft Suite, MATLAB, Simulink
- Programming Languages: Python, Java, MATLAB, LaTeX, C, HTML
- Operating Systems: Windows, Mac OS, Linux, Chrome OS
- CAD: Inventor, SOLIDWORKS, SolidEdge, SketchUp

EXPERIENCE

George Washington University **Washington, DC**
Capstone Design Project **August 2022 - Present**

As part of the graduation requirement, engineer a device to solve a relevant problem following ABET definitions and guidelines

- Formed an interdisciplinary collaboration of five students to design an internet of things (IoT) integrated public health device
- Implementing project management strategies by actively tracking tasks, objectives, and goals
- Pursuing school sponsored innovation programs such as GWU I-Corps and New Venture Competition to perform customer discovery and elevate product value
- Consulting with faculty and industry experts on technical development and business strategy

George Washington University Dept. of Mechanical & Aerospace Engineering, Biofluids and Dynamics Lab **Washington, DC**
Research Assistant - Mentored by Dr. Kartik V. Bulusu and Dr. Michael W. Plesniak **June 2021 - Present**

- Hand-picked by the mentors as part of SUPER fellowship and undergraduate research program
- Performed scholarly search and provided insight into an experimental technique for cardiovascular research and its implementation
- Processed and created visual plots of large data sets using Python that were used to determine experimental parameters
- Mentored two students in data processing and Python coding
- Create CAD models and coordinate with the mentors, collaborators, and machine shop staff to prepare an experiment for execution
- Publish the research findings and present the research at R&D conferences

Drone Point Solutions LLC **Washington, DC**
Product Engineering Intern **January 2022 – September 2022**

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

George Washington University Dept. of Mechanical & Aerospace Engineering **Washington, DC**
Learning Assistant – Intro to MAE **September 2022 – December 2022**

ADDITIONAL INFORMATION

Leadership/Membership: ASME GWU Section, Chair (September 2021 - Present); Pi Tau Sigma; AIAA; IEEE
Awards/Accomplishments: GWU Pitch George - finalist, George and Dorothy Knedler Scholarship, AP Scholar Award
Volunteerism: Carnegie Science Center (75+ hours), Veterans Affairs Medical Center (50+ hours)
Languages: English, Russian, French, Romanian, Spanish