

# Jeanette Buskirk

Consulting  
Mechanical Engineer

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## Profile

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### Details

[jeanette.buskirk@gmail.com](mailto:jeanette.buskirk@gmail.com)

(909) 308-7500

2855 Mayport Rd, Jacksonville, FL 32233

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I am a Consulting Mechanical Engineer with over 5 years of experience working in the engineering industry. I have worked on projects for both small and large companies, including clients in the automotive, aerospace, and electronics industries. My skills include product development, design analysis, prototyping, and testing. I also have experience managing teams of engineers and technicians. In my most recent position, I was responsible for leading a team of engineers through the development process of an innovative new product line for a major automotive manufacturer

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## Employment History

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### Consulting Mechanical Engineer II at Aerotek, FL

Mar 2022 - Present

- Developed a new HVAC system for a 100,000 square foot office building that slashed energy consumption by 30%.
- Led a team of engineers in the design of an innovative ventilation system for a major city hospital that improved patient outcomes.
- Implemented creative solutions to reduce noise levels in 3 different factories by 20 decibels on average.
- Successfully completed over two hundred projects during tenure.
- Achieved 98% customer satisfaction rating.

### Consulting Mechanical Engineer I at AARP, FL

Aug 2017 - Feb 2022

- Researched, designed and implemented new HVAC system for a 50-story office building - cut energy consumption by 37% and decreased operating costs by \$250,000/year.
  - Reduced water usage in an industrial laundry facility by 35% through process redesign and installation of new efficient equipment.
  - Implemented.
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## Education

### Bachelor of Science in Mechanical Engineering at University of Florida, FL

Sep 2013 - May 2017

I've learned how to design and analyze mechanical systems using principles of physics and engineering.

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## Links

[linkedin.com/in/jeanettebuskirk](https://www.linkedin.com/in/jeanettebuskirk)

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## Skills

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AutoCAD



Inventor



SolidWorks



CATIA



ANSYS



Fluent



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## Languages

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English



Spanish



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## Hobbies

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Organizing and leading group hikes

Tinkering with and repairing small engines

Building model airplanes

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## Certificates

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**Certified Energy Manager (CEM)**

Jun 2021

**Certified Sustainable Development Professional (CSDP)**

Oct 2019

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## Memberships

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**American Society of Mechanical Engineers (ASME)**

**American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)**