

Daniel Pistorino

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Professional Summary I am an electrical engineer with a computer and information science and engineering specialty. I enjoy exploring the world’s natural mysteries and thinking outside of the box to address real-world problems. My holistic approach integrates hardware and software to design optimal solutions. My goal is to collaborate with highly skilled professionals to craft innovative and human-centric solutions for future problems, while developing meaningful relationships along the way. I have strong analytical skills, value professionalism and punctuality, and recognize the roles others play in a team’s success.

Skills

Modeling and simulation: MATLAB, Cadence Virtuoso, Cadence Designer, Altium Designer, Intel Quartus, LTSpice, WaveForms, Blender, Adobe Suite.	Languages: C++, C#, Python, Java, Visual Basic
Verification: multi-meters, oscilloscopes, signal generators, and soldering.	Database: SQL
Prototyping: Arduino, Raspberry Pi, OnShape, Tinkercad	Web: HTML, CSS, Javascript
Analysis: Wireshark Network Analysis, time and space complexity, and pseudocode.	Tools: Visual Studio, CLion, PyCharm, Git, Jupyter
	OS: Windows, Linux, and macOS
	Office skills: Microsoft Office suite and Notion.
	Teamwork: communication, adaptability, organization, synthesizing, and planning.

Projects

HVAC Drain Line Flush Mechanism

- Independently designed and built a mechanism for flushing the drain line for an HVAC system.
- Successfully integrated power management, motor control, analog and digital IO, and a UI to produce a functional prototype.

VLSI 8-bit SRAM Design

- Team design of layout, decoders, controller, and sense amplifier for an 8-bit SRAM.
- Work with a 45nm process design kit using Cadence Design software.

Hyperloop Pod Prototype

- Team design of prototype for next generation transportation.

Education

Bachelor of Science (May 2025) – 3.49 GPA
Electrical Engineering, minor in Computer and Information Science and Engineering minor
University of Florida Herbert Wertheim College of Engineering – Gainesville, FL

Associate of Arts (May 2019) – 3.26 GPA
General Studies
Florida Gateway College – Lake City, FL

Associate of Science (August 2015) – 3.74 GPA
General Studies
Ohio University – Athens, OH

Certifications

CompTIA A+ – Computer Technician New Horizons – Gainesville, FL	CompTIA Net+ – Network Technician New Horizons – Gainesville, FL
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Work History

AI Model Trainer (07/2024 to Current) Outlier AI, Remote

- Apply knowledge of electrical systems to train generative AI models.

Assistant Surveyor (03/2021 to 07/2024) P.A. Pistorino, Gainesville, FL

- Organization, data collection and tracking, professional communication, and summarization.

IT Consultant (03/2003 to Current) Self-employed, Gainesville, FL

- Hardware and software management, troubleshooting, and repair.
