

Will Stotz

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Education

University of Notre Dame , Notre Dame, IN	5/2026
<i>Bachelor of Science, Electrical Engineering</i>	GPA: 3.989
<i>Honors: Notre Dame College of Engineering Dean's List (FA23, SP24), IEEE-HKN</i>	
Iowa State University , Ames, IA	5/2023
<i>Computer Science coursework</i>	GPA: 4.0
<i>Honors: Top 2% of Class, Iowa State College of Engineering Dean's List</i>	

Relevant Skills

Electrical Engineering

- Coursework in embedded systems, signals, and amplifiers. 2024-25 coursework to include semiconductors, digital integrated circuits, analog and digital circuits, and system theory.
- Granted a General-class amateur radio license by the Federal Communications Commission
- Experienced in soldering, oscilloscope use, digital multimeter use, power supply use, circuit analysis, LTspice, Cadence, Virtuoso, KiCad, Verilog

Linux, Networking, and Computing

- Proficient in Linux and command shell usage, attained the LinkedIn Linux Skill Assessment Badge
- Experienced with technologies such as Java, Python, C, and Git

Achievements

- Placed second in state for Computer Science in the Academic Challenge competition at Eastern Illinois University in 2022
- Achieved the Eagle Scout rank of the BSA, orchestrated a service project to enhance a conservation garden at the local county fairgrounds, organized construction of a ~120 ft. perimeter fence.

Work Experience

University of Notre Dame	Notre Dame, IN
<i>Adiabatic Reversible Logic Student Researcher</i>	8/2024-present
<ul style="list-style-type: none">• Investigated unconventional, low-heat-waste computing technologies to prove the efficacy of single-electron devices and adiabatic logic gates. Researched the specifications of the Artyx 7 FPGA and block RAM solutions.	
Inventus Power	Woodridge, IL
<i>Electrical Engineering Intern</i>	5/2024-8/2024
<ul style="list-style-type: none">• Created firmware and specifications for ITAR-controlled defense projects to detect five different signatures of lithium-ion thermal runaway.	

Club Experience

IrishSat	Notre Dame, IN
<i>G.O.A.T Lab Electrical Engineer, CubeSat Power Responsible Engineer</i>	9/2023-present
<ul style="list-style-type: none">• Manufactured, designed, and troubleshot two systems to simulate and measure spaceflight environments• Designed and prototyped PCBs for power and peripheral connection for a CubeSat satellite. Implemented a battery management system for the satellite central power pack.	
IEEE Notre Dame	Notre Dame, IN
<i>Vice President</i>	5/2023-present
<ul style="list-style-type: none">• Helped facilitate the revival of the IEEE student chapter on campus to nearly 100 participants, currently organizing trips to industry conventions and electronics activities for students	