Will Stotz

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Education

University of Notre Dame, Notre Dame, IN   5/2026
Bachelor of Science, Electrical Engineering   *GPA: 3.9*
Honors: Notre Dame College of Engineering Dean's List (FA23, SP24), IEEE-HKN, Tau Beta Pi
Iowa State University, Ames, IA   5/2023
Computer Science coursework   *GPA: 4.0*
Honors: Top 2% of Class, Iowa State College of Engineering Dean's List

Relevant Skills

Electrical Engineering
- Coursework in embedded systems, signals, amplifiers, digital integrated circuits, analog and digital circuits, and system theory. Spring 2025 coursework includes semiconductors, high level synthesis, random phenomena, and quantum computing.
- Experienced in soldering, oscilloscope use, digital multimeter use, power supply use, circuit analysis, LTspice, Cadence Virtuoso, KiCad, Verilog, amateur radio (General class)

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

Leadership
- 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.

Projects

University of Notre Dame   Notre Dame, IN
- Designed standard cells in 0.5u technology which met lambda design rules and passed DRC, LVS, and extraction tests using Cadence Virtuoso, Layout GXL, and Analog Place and Route, as well as synthesizing a MIPS 8-bit microprocessor using Genus Synthesis Solution and Innovus Implementation System. Currently learning SOC design through Google XLS, SystemC, and Cadence Stratus HLS.

Work Experience

Inventus Power   Woodridge, IL
Electrical Engineering Intern   5/2024-8/2024
- 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
G.O.A.T Lab Electrical Engineer, CubeSat Power Responsible Engineer   9/2023-present
- 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
Vice President   5/2023-present
- 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