



## Sophomore Engineering Resume Template

*For a second-year engineering student with growing experience and involvement*

### ALESSIO LARKIN

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### EDUCATION

**University of Texas at Austin** – B.S. in Electrical Engineering

Expected May 2027

- Dean's List: Fall 2023, Spring 2024
  - GPA: 3.8/4.0
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### RELEVANT PROJECTS

#### Smart Energy Grid Simulation

Sep 2023 – Dec 2023

- Developed a grid simulation using Python and Simulink to model energy usage efficiency
  - Analyzed real-time data patterns and improved load balancing algorithms by 15%
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### TECHNICAL SKILLS

C, Java, MATLAB, LTSpice, KiCad, Signal Analysis, Microcontrollers (ESP32), Oscilloscope Operation

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### CAMPUS INVOLVEMENT

- UT IEEE Student Branch – Events Chair
- Electrical Makerspace Assistant – Guided freshmen in circuit design and soldering
- UT Solar Car Team – Battery Management System Contributor