# Will Derness

9500 Gilman Dr, La Jolla, CA 92093
e4e@ucsd.edu, (123) 456-7890

| **Education** | *Bachelor of Science,* Electrical and Computer Engineering<br>UC San Diego, San Diego, CA | expected Fall 2025<br>GPA 2.800 / 4.000 |
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| | *High School Diploma,*<br>Sunnydale High School, Sunnydale, CA | Spring 2021<br>GPA 5.000 / 4.000 |

**Relevant Coursework**

*Major Coursework*

- Engineering Computation
- Introduction to Digital Design
- Introduction to Computer Engineering
- Introduction to Analog Design
- Circuits and Systems
- Components and Circuits Lab

**Work Experience** *UCSD Recreation - Front Desk Staff* — Fall 2021-current

- Checks in customers
- Provides customer support to students and staff

**Extracurricular Projects**

*Autonomous Vehicle*
- Built a model to recognize other vehicles on the road
- Recognizes over 20 unique items

*IEEE Micromouse*
- Building a robot to navigate a maze
- Used C to program STM32 to drive motors

**Skills**

*Programming Languages*
C/C++, Python, Java, PHP, CSS, Rust, ARM, STMCube

*Technologies*
PSpice, Eagle, PyTorch, O-Scope, Signal Generator