WILLIAM DOYLE

Austin, Texas
UT Austin

Electrical engineer with a wide range of interests and experience. Strong interpersonal and presentation skills. Leadership skills developed from years of participating on and coaching FIRST Robotics teams.

EXPERIENCE

JUNE 2022 – JUNE 2023
ELDP I BAE SYSTEMS

Member of Engineering Leadership Development Program at BAE Systems. Developed test capabilities for countermeasure systems.

MAY 2021 – AUGUST 2021
TECHNICAL INTERN III BAE SYSTEMS

Migrated performance data for twelve projects to a new database, presented to leadership about new software tools, and analyzed defect data in support of Air Force Compass Call mission.

NOVEMBER 2020 – JANUARY 2021
ENGINEERING INTERN ASSURANCE TECHNOLOGY CORPORATION

Designed and executed test procedures for satellite hardware and set up new test stations.

JUNE 2018 – AUGUST 2018
ENGINEERING INTERN HARVEST AUTOMATION

Designed and assembled a robot testing field. Modeled motor heat under duress, designed a real-time clock interface for product calibration, prototyped commercial robotic solutions.

JUNE 2017 – AUGUST 2017
ENGINEERING INTERN IROBOT

As a rising high school senior, I designed and 3D printed camera mounts, researched radar solutions for interior range finding, and wrote a software driver for the Bosch BME680 sensor.

EDUCATION

PRESENT
PhD STUDENT UNIVERSITY OF TEXAS AT AUSTIN

Electrical and Computer Engineering student in Professor Dan Wasserman's Lab. Studying atom interferometry for space-based applications.

MAY 2022
ELECTRICAL ENGINEERING B.S. (ABET) YALE UNIVERSITY

3.76 GPA. Excelled in engineering courses, while also exploring interests in astronomy, energy, and global affairs. Worked on campus as a laboratory support technician, and researched nanofluidics and metal-air batteries in Mark Reed's lab.