

Alexander Betro

<https://www.alexanderbetro.com/>

Hazlet, New Jersey

alexanderbetro@gmail.com

Cell Phone: (908)-670-9476

SUMMARY

Graduate from the University of New Haven in Electrical Engineering with a focus on hardware design, integrated circuits, embedded systems, and telecommunications. Experience with LTSpice, Multisim, and Microsoft Office software, and C/C++, VHDL, and Assembly programming languages.

EDUCATION

University of New Haven

Electrical Engineering, Bachelor of Science

West Haven, CT

May 2023

Dean's List: Spring 2020 – Fall 2020

Study Abroad in Prato, Italy: Spring 2020

IEEE Eta Kappa Nu Engineering Honors Society – Chapter Secretary

RELEVANT COURSEWORK

Digital Systems (Logic Design, Hardware Programming in VHDL, Computer Organization), Analog Circuits, Fundamentals and Applications of Analog Devices, Electronics I and II, Signals and Systems, Random Signal Analysis, Embedded Systems (Microcontrollers in C/C++, System on Chip in C and VHDL), Networking I, Control Systems, Project Management and Engineering Economics, Junior Capstone Design, Senior Capstone Design (under supervision of Honeywell Fire-Lite)

EXPERIENCE

Astrodyne TDI

Electrical Engineering Intern

Hackettstown, NJ

May 2022 – August 2022

- Assisted technicians with building and set-up of test racks and equipment for use with power supply testing.
- Ran final tests/FCT on assembled power supplies using Visual Basic simulations and helped process reports of failed supplies for further diagnostics alongside test engineers.
- Reverse engineered competitor power supplies to further understand a specific customer's required specifications.
- Examined failed power supplies for signs of board damage or component failure using automated optical inspection equipment and reported any damage to test engineers.

University of New Haven

Charger Ambassador

West Haven, CT

September 2019 – November 2022

- Helped set up large-scale events, such as open houses, for the University alongside their undergraduate admissions office.
- Worked different jobs during open houses and other exploration events, and expedited transitions throughout the day for different admissions events.
- Lead tours and presentations for prospective families and students, and spoke on behalf of the University of their course offerings, student experiences, and campus-wide facilities.

Matawan-Aberdeen Regional School District

Information Technology Intern

Matawan, NJ

June 2019 – August 2019

- Performed tasks needed to prepare the schools' technologies for the following school year.
- Refurbished or replaced desktop and laptop computers.
- Reinstalled and set up new operating systems and relevant software.

LANGUAGE SKILLS

Italian