

Alexander Betro

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Eatontown, New Jersey

SUMMARY

Graduate from the University of New Haven in Electrical Engineering and current Field Engineer for GE HealthCare. 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 (ABET Accredited)
IEEE Eta Kappa Nu Engineering Honors Society - Chapter Secretary

West Haven, CT
Graduated May 2023

EXPERIENCE

GE HealthCare

Field Engineer I

Remote, Central NJ
January 2024 - Present

- Performing on-site and remote corrective repairs on damaged or malfunctioning fixed and mobile x-ray, ultrasound, ABUS, and mammography machines, following service manuals, schematics, and block diagrams.
- Completing planned maintenance on machines and ensuring their continuing functionality.
- Upgrading and installing new machines.
- Completing required documentation and forms in a timely manner, ensuring their immediate completion for compliance with the FDA and state/local requirements.
- First point of contact for radiologists, technicians, and department/hospital directors, effectively communicating and interacting with those that require an immediate solution.
- Member of the PRIDE Alliance and Green Team Network.

Astrodyne TDI

Electrical Engineering Intern
2022

Hackettstown, NJ
May 2022 - August

- 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.

Matawan-Aberdeen Regional School District

Information Technology Intern
2019

Matawan, NJ
June 2019 - August

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

LANGUAGE SKILLS

Italian (Native/Bilingual Proficiency)