

AVRAM LEVY

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Creative and resourceful electrical engineer with strong knowledge of renewable energy systems. Experience working in multi-functional teams to develop innovative engineering designs and applications. Solid understanding of photovoltaic systems, wind energy systems, testing tools and industry-standard circuit designs.

EDUCATION

BACHELOR OF SCIENCE - ELECTRICAL AND COMPUTER ENGINEERING

Duke University, Durham, NC
September 2014 - June 2018

KEY SKILLS

- Renewable energy systems
- AutoCAD, C++, Mathematica
- Strong problem-solving and communication skills
- Circuit design

CERTIFICATIONS

- Licensed Engineer in Training, Electrical and Computer, Colorado, 2019

PROFESSIONAL EXPERIENCE

JUNIOR ELECTRICAL ENGINEER

Merz Industries, Aurora, CO
July 2018 - Present

- Worked with cross-functional team to design a new wind energy system that allowed for uninterruptible power supply, utilizing AutoCAD to generate detailed design drawings
- Installed and tested prototypes, evaluated performance and recommended improvements
- Conducted efficiency comparisons with earlier models and other wind systems on the market
- Communicated benefits of solar electric power to industry clients

ELECTRICAL ENGINEER INTERN

Kilby Energy, Durham, NC
January 2018 - June 2019

- Participated in research to develop small wind energy systems for residential and commercial use
- Assisted with performance analysis of wind power, contributing to research to optimize next-generation wind energy design
- Designed and built prototype wind generator designed for easy set up during emergencies when traditional energy grids are unavailable