

# Minh-Thu Dinh

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## EDUCATION

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**North Carolina State University | 3.667 GPA**

**Anticipated May 2023**

*Bachelor of Science in Electrical Engineering*

*Raleigh, NC*

- Goodnight Scholars Program: A full-ride merit scholarship for STEM and STEM Education students

## TECHNICAL SKILLS & LANGUAGES

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- Soldering and circuitry
- C, MATLAB, Arduino, SKM System Analysis, COMSOL Multiphysics Solver
- HTML, CSS, Adobe Photoshop, Adobe Illustrator, Adobe Lightroom

## PROFESSIONAL EXPERIENCE

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**Eaton Corporation**

**May 2021 – August 2021**

*Power Systems Engineering Intern*

*Warrendale, PA (Virtual)*

- Perform arc flash, short-circuit, coordination studies for power systems on SKM Analysis Software
- Furnish reports from study analysis to provide recommendations for potential deficiencies
- Curate quotation studies for potential customers

**North Carolina Asian Americans Together (NCAAT) &  
Progressive Vietnamese American Organization (PIVOT)**

**Sep. 2020 – Nov. 2020**

*Raleigh, NC (Virtual)*

*NCAAT in Action Youth Intern, NCAAT Youth Intern, & PIVOT Fellow*

- Network with Asian community groups locally and nationwide to host virtual voter engagement events
- Create voter education content with focus on Vietnamese and Asian American voters
- Design and distribute outreach activities and mailers in relation to voting

## RESEARCH & DEVELOPMENT EXPERIENCE

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**SolarPack @ NC State**

**Sep. 2019 – Mar. 2020**

*Electrical Team Member*

*Raleigh, NC*

- Identified various methods to efficiently store batteries within electrical vehicle
- Tested different methods for creating effective lamination for solar cells on vehicle roof

**Fitzgerald Center at Duke University (FCIEMAS)**

**Summer 2018**

*Research Intern with Dr. Steve Cummer*

*Durham, NC*

- Investigated low-frequency electromagnetic waves and their identification of metals within another metal object
- Developed MATLAB programs controlling a mechanical component to analyze a metal's conductivity
- Modeled simulations on COMSOL Multiphysics Solver to compare with previous experiments

## HONORS & ACTIVITIES

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- Goodnight Scholars Program Ambassador
- NC State University Theatre Volunteer
- CRANE (Asian American) Collective at NC State
- NCSU DiamondHacks– 1<sup>st</sup> Place in Equity Category
- HackNC 2020 – 1<sup>st</sup> Place in Non-Profit Challenge

**August 2021 – Present**

**August 2021 - Present**

**June 2021 - Present**

**Mar. 2021**

**Oct. 2020**