Gregory M. Tow

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EDUCATION

University of Illinois   **Urbana-Champaign**
Bachelor of Science in Electrical Engineering   *May 2023*
Relevant Coursework: Power Circuits, Electric Machinery, Power System Analysis   **GPA: 3.91/4.00**
Honors: Dean's List (Fall 2019, Spring 2020, Fall 2021, Spring 2021, Spring 2022)

WORK EXPERIENCE

Burns & McDonnell   **Chicago, IL**
Electrical Engineering Intern (Transmission & Distribution – Substation)   *May 2022 – August 2022*
- Designed 80 Panel Fronts and 138/23kV Protection Single Lines for an EPC Project
- Automated equipment drawing as well as Bill of Materials creation across clients
- Drafted a SEL-487B Relay Setting Template to meet standards for a Renewable Energy Client
- Networked with Vice Presidents, Managers, and Interns to learn about other projects and disciplines

Commonwealth Edison Company (ComEd)   **Chicago, IL**
Electrical Engineering Intern (Transmission & Substation)   *June 2021 – August 2021*
- Analyzed Maintenance Costs of Substations to propose changes to Capacity Planning
- Communicated with Area Maintenance Engineers to implement and test new equipment
- Consolidated important information to improve efficiency and modernize workflow

EXTRACURRICULARS & LEADERSHIP

Haran Research Group   **Champaign, IL**
Member   *August 2021 – Present*
- Optimizing efficiency of a rotating cryocooler to improve its motor applications
- Designed a Stepper Motor Operation Lab to analyze its advantages and disadvantages

Center for Academic Resources in Engineering (CARE)   **Champaign, IL**
Exam Review Leader & Engineering Tutor   *August 2020 – Present*
- Conduct 2 weekly tutoring sessions for Chemistry, Physics, Math, and ECE courses
- Assist in leading 6 Quantum and Thermal Physics review sessions per semester
- Managed a team of 6 students to conduct 3 General Chemistry II review sessions per semester

Theta Tau Professional Engineering Fraternity   **Champaign, IL**
Member   *January 2020 – Present*
- Conduct multiple interviews resume reviews each semester to recruit qualified individuals
- Collaborate with multiple teams to host various fundraising events on campus
- Produced an Automatic Etch A Sketch with Projects Team

TECHNICAL SKILLS

Software: C, C++, LC-3, Python, Matlab, Microsoft Excel