

ESTHER IN

College of Engineering | Class of 2022 | Tel. (240) 474-3426 | ei53@cornell.edu

EXPERIENCE

Electrical Lead, Webmaster, Business Team Member

FIRST Tech Challenge Team 9450 Falcons FIRST / June 2017 – July 2018

Competed with FTC Team 9450 Falcons FIRST at the Maryland State Championships 2018 and FTC World Championships 2018: Detroit. Oversaw and guided the electrical sub-team. Built and maintained the team website <https://falconsfirstftc.weebly.com/>. Drafted and edited the business plan for presentation to sponsors.

Co-Head Administrator

Harper / January 2015 – Current

Currently directing an international co-operational writing community. Responsible for training and overseeing moderators, maintaining site databases, moderating site content and member participation, and mediating and resolving interpersonal conflicts.

Project Manager

Poolesville High School / February – April 2016

Managed a team of four to successfully create a randomized worksheet generator for optimizing student review for final exams. Responsibilities included mediating meeting times to ensure proper team coordination; reviewing and editing all project documentation; assigning roles and backfilling for roles when necessary; monitoring project status; and revising project timelines and priorities accordingly.

Authored Provisional Patent 62523272

July 2017

Patent titled "APPARATUS AND METHOD FOR HEATING AND KEEPING BEVERAGE WARM IN A PORTABLE CONTAINER."

RELEVANT SKILLS

HTML/CSS (expert) • Java (proficient) • Python (proficient) • CAD (novice) • Cyber-forensics (proficient) • Reverse Engineering (proficient) • Cryptography (proficient) • Power Tools (proficient) • Table Saw (proficient) • Band Saw (proficient)