|  |  |
| --- | --- |
|  | BioE Resume 333 Road  Binghamton, NY 13902  (607) 555-7777 wtsncar@binghamton.eduEDUCATIONBinghamton University, State University of New York, Watson College Expected: May 20XX Bachelor of Science in Bioengineering Cumulative GPA: 3.XX/4.00 | Dean’s List: Fall 20XX, Fall 20XX |
|  | TECHNICAL SKILLS AND COURSES*Software*: C, R, Mathematica, MATLAB, PTC Creo, Solid Edge, Softplan, MS Office, Soldering*Hardware*: Oscilloscope, Light Spectroscopy, PowerLab A/D Converter, Chart5, EMG/ECG*Courses:* Circuits/Signals, Statics/Dynamics, Heat/Mass Transfer, Bioimaging, Life in Moving Fluids, Innovation/Entrepreneurship RELEVANT EXPERIENCE BIOENGINEERING DEPARTMENT Binghamton, NY***Project Leader Capstone Design Project* September 20XX – Present*** Facilitate meetings, delegate tasks, and ensure completion of the team’s mission to design a device that collects and analyzes data to yield a vector plot in MATLAB of the characteristic magnetic field of consumer products and medical devices with a limited budget of $400 over the course of two semesters
* Develop and test device design using PTC Creo, material strength, magnetic susceptibility, and motor control using C
* Collaborate to design the control circuitry and program a microcontroller to drive motors that interact with end-switches

***Bioelectromagnetics Researcher* May 20XX – Present*** Produce simulation analysis using an oscilloscope and generation of a circuit that induces peripheral nerve stimulation in the tongue by producing a magnetic field in a pulse train sequence directly on the tongue

**FRIENDS FOR CONSERVATION AND DEVELOPMENT Succotz Village, Belize*****Intern*  December 20XX – February 20XX*** Presented a solid waste management proposal collaborating with a team of 5 researchers and Peace Corps workers to the Solid Waste Management Authority board based on collected data and information statistics using R open source language

LEADERSHIP EXPERIENCESELF EMPLOYMENT Binghamton, NY*General Contractor* May 20XX – Present* Founded a construction contracting business and manage several projects by delegating work among three laborers
* Oversee almost 20 clients ranging from residential homes to apartment complexes by coordinating projects from start to completion within a timely schedule

SF PROPERTY GROUP Cortland, NY*General Contractor* June 20XX – February 20XXRefurbished 6 houses by means of electrical, plumbing, painting, landscaping, roof repair, and managing 1 other employee**ENACTUS**  **Binghamton, NY*****Chief Operating Officer - Regional Champions* Elected September 20XX – May 20XX*** Oversaw acquisition of technical project data, drove performance measures, cascaded the organization’s mission to its 50 members, and managed 5 project leaders
* Planned and allocated resources to maximize the value of the organization’s annual work in to figures, graphs, and subsequently posters and pamphlets to debut at the national competition

***Eco-Business Consulting Project Leader* September 20XX – May 20XX*** Designed a zero landfill waste model for The Bagel Factory, Binghamton, NY by converting inventory to 100% compostable materials in order to prove that a sustainable business model can be profitable
* Implemented a functional greenhouse for hydroponics and composting therein by managing a team of four through research and development and working closely with the head of food services at Binghamton University
* Devised a comprehensive package for other small businesses seeking to become sustainable for about $2000

***Ballroom Dance Team Executive Board Member* September 20XX – Present*** Lead as club director- Teach social dances to 40 club and community members 2x per week for 2 hours and host large social events
 |
|  | COMMUNITY INVOLVEMENT**HABITAT FOR HUMANITY** ***Volunteer* September 20XX – Present*** TECHWORKS renovation - Reinforced roofing structure of an aspiring museum for Link Aviation **Binghamton, NY**
* Boys and Girls Club - Taught nutrition and baking healthy foods skills to 20 children **Owego, NY**
* Homer wrestling - Assistant coach for two years and annual $1000 scholarship committee member **Homer, NY**
 |