

Kimberly Bytyci

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Education

EXPECTED GRADUATION DATE: DECEMBER 2024 | CITY COLLEGE OF NEW YORK

Major: Electrical Engineering B.E.

GPA: 3.0

GRADUATION DATE: JUNE 2020 | BROOKLYN TECHNICAL HIGH SCHOOL

Major: Electrical Engineering

GPA: 4.0

Experience

ENGINEERING INTERN | JACOBS ENGINEERING GROUP | MAY 2023 – AUGUST 2023

Five Stations Renewal on Flushing Line

- Reviewed and approved submittals from the contractor.
- Managed and overhauled the submittals' database.
- Managed tracking the progress of submittals and compiled necessary information into dashboards via the development of VBA programs to be used by the construction manager for weekly progress meetings.

UNDERGRADUATE INDEPENDENT STUDY | CITY COLLEGE OF NEW YORK | JANUARY 2023 – NOVEMBER 2023

Machine Learning to Predict the Progression of Alzheimer's Disease

- Developed and trained an artificial intelligence model to predict the progression of Alzheimer's Disease using genetic data from patients.
- Worked under the supervision of a professor to refine the code.
- Implemented several linear regression models in addition to testing different architectures and training algorithms such as a genetic algorithm to find the optimal solution.
- Presented the research to students in a few undergraduate classes including an Introduction to Programming course and a more advanced Machine Learning and AI course.
- Wrote a final paper discussing the results.

COMPUTER LAB ASSISTANT | CITY COLLEGE OF NEW YORK | JANUARY 2023 – MAY 2023

- On-site resource to individual students and groups accessing computer technology; helped familiarize students with software and orient students to the laboratory.
- Troubleshooted and diagnosed problems with computer equipment running both Windows and Linux OS's. Performed maintenance and repair on equipment, as necessary.
- Managed the computer lab and provided for the general cleanliness, safety, and security of the laboratory area.

TUTOR | JANUARY 2023 – MAY 2023

- Conducted one-on-one tutoring sessions to assist students with Electrical Engineering courses.
- Developed and implemented personalized lesson plans to address students' specific needs.
- Provided guidance on study strategies and time management.
- Monitored and assessed student progress, adjusting teaching methods as needed.

ENGINEERING INTERN | JACOBS ENGINEERING GROUP | MAY 2022 – AUGUST 2022

East Side Access

- Participated in the Testing and Commissioning team.
- Witnessed the tests of several systems in the field including Fire Alarm, HVAC, Power SCADA, Building Management System (BMS), and Security systems.
- Tracked the progress of testing and commissioning through various stages of the process.
- Monitored daily logs of manpower and compared against the budgeted quantities.

BARISTA/TRAINER | STARBUCKS | APRIL 2019 – PRESENT

- Trained and certified all newly hired Starbucks partners through the Barista Certification process.
- Used active coaching to ensure all partners are following food safety procedures as well as drink recipes to provide premium quality products.
- Ensured health codes and safety standards are followed in order to maintain a high health score.
- Provided necessary direction to partners and ensured that partners perform their assigned duties.
- Oversaw daily supervision of newly hired partners, along with the manager and other team leaders, motivating and leading them.
- Delivered excellent guest service to customers in line with the company's mission, culture, and values.

CIEE GLOBAL ENTREPRENEURSHIP PROGRAM | BERLIN, GERMANY | JULY 2019

- Visited several entrepreneurs' businesses to discuss their experiences.
- Took a course on entrepreneurship where the basics of starting and financing a business were taught.
- Collaborated with others in a group to create and present a proof of concept of a business to a panel of judges.

Skills & Abilities

LANGUAGES

- English, Albanian

TECHNICAL SKILLS

- Experience using programming languages such as C++, Python, Java, Swift, Java Script, Assembly, and Visual Basic for Applications.
- Experience using HTML and CSS for web development
- Expertise in Verilog design.
- Detail-oriented approach to computer-aided drafting and design.
- Experience using data science techniques such as natural language processing and machine learning.
- Strong knowledge of circuit design using simulation software such as Multisim and modeling using MATLAB.
- Experience programming microcontrollers including PIC, Arduino, and Raspberry Pi.

ADDITIONAL SKILLS

- Project management
- Adaptable
- Creative and experimental
- Self-motivated
- Team player
- Exceptional customer service and communication
- Critical thinking

CERTIFICATIONS AND AWARDS

- Autodesk Certified User: Inventor
- OSHA 10 Construction Training
- CCNY Dean's List
- AP Scholar with Honor