KENNEDY EZUMAH

Phone: 347-819-6047 LinkedIn: Kennedy Ezumah Email: kennedy.ezumah@Gmail.com

EDUCATION

Northeastern University - Master of Science (MS), Computer Science Expected Graduation: **Dec 2022**

- ❖ Coursework: Intensive Foundations of Computer Science
  Discrete Structures
  Object-Oriented Design
  Data Structures and Algorithms and Applications in Computer Systems
  Web Development
  Advanced Algorithms

Stony Brook University - Bachelor of Engineering (BE), Civil Engineering **May 2017**

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, HTML/CSS/JavaScript, MATLAB
- **Libraries and Frameworks**: Spring Boot, Node, Express, React
- **Platforms:** Linux, Google Cloud, Jupyter Notebook
- **Databases and Tools:** MySQL, Mongo, Git, Bash Scripting, APIs, Crontab

WORK EXPERIENCE

Skanska USA Civil Inc. **NY, NY**
Virtual Designer/Field Engineer II **Sep 2017 - Dec 2020**

- Co-developed computerized models of construction data using Building Information Modeling (BIM) technology and saved over $1 million USD in costs and time for pursuit teams bidding infrastructure projects in the United States

PROJECTS

Automated CPU Temperature Monitoring System **San Jose, CA**
Northeastern University **Jan 2021 - May 2021**

- Implemented a cloud-based CPU temperature monitoring system in **Python** on a RaspberryPi machine
- Automated scripting and data storage onto a ThingSpeak database using **Crontab** and utilized the Twitter API to tweet alerts on a bot account, improving excessive temperature detection by 100 percent

Travel Buddy - A Social Media Platform for Travelers **San Jose, CA**
Northeastern University **May 2021 - Aug 2021**

- Implemented backend and user-interface of a **Java** desktop application that empowers travelers to connect and share itineraries and feedback on destinations they have traveled
- Designed using model-view-controller architecture to exchange data and queries between a **MySQL** database and Java client application

African Fabric Image Recognition Tool **San Jose, CA**
Personal Project **April 2021 - Present**

- Developing an image recognition engine using **Python** to categorize African fabric styles and patterns
- Users send an image to a Twilio MMS gateway, image to be processed using a TensorFlow-enabled algorithm, and an SMS response is sent to the user confirming the style and cultural context

LANGUAGES AND INTERESTS

- **Languages:** Igbo (fluent), English (fluent), Hindi (conversational), Spanish (beginner)
- **Interests:** Technology | Connecting People | Public Speaking | Travel | Africa | Cultural Diversity