NAM HAI NGUYEN

East Lansing, MI | nguyenhainam8668@gmail.com | (517) 980-4310 |
https://www.linkedin.com/in/nam-nguyen-95452a252/

OVERVIEW

Leveraging quantitative and technical skills as well as high commitment to details and dedication to work; seeking an internship position in Software Engineering to learn and acquire practical skills.

EDUCATION

Michigan State University, College of Engineering, Honors College   **September 2019 - Present**
East Lansing, Michigan
Bachelor of Science, Computer Science
Related Coursework: Data Structures and Algorithms, Object-Oriented Software Development, Linear Algebra
GPA: 4.0

TECHNICAL EXPERIENCE

SpartaHack 8: ReTiMe – East Lansing, Michigan   **January 2023**
Developer
- Developed a **Realtime Messaging Web App (ReTiMe)** within the 48-hour duration of MSU's annual Hackathon, allowing **100 users** to use simultaneously
- Utilized a variety of technologies, including **HTML/CSS/JavaScript, Express, Socket.io** and **Firebase**

Michigan State University - East Lansing, Michigan   **September 2019 - Present**
Professor Assistant Program
- Collaborated with Prof. Cao Zhichao to refine a NELoRa model deployed in sensor system for farmers by experimenting it with a higher Spreading Factor (SF) of 11 and 12
- Cooperated with Dr. Cao's team to develop and maintain an app to process and manage information from sensors, leveraging **React Native** and **Java**

GUI Project at MSU Imagine Software Club – East Lansing, Michigan   **January 2023 – May 2023**
Developer
- Created a GUI frontend for Dr. Colbry's pre-established backend using **Python tkinter**
- Provided tools for processing images input for a ML model, including annotating, labelling, and editing

INVOLVEMENT

Volunteer for Education (V.E.O) – Hoa Binh, Vietnam   **July 2019**
Participant
- Redecorated and helped maintaining local houses, increasing coming tourist rate by **15%**
- Held English classes, soft skills for local children, attracting **over 100** children to join

AWARDS

Michigan State University
Honors College Excellence Scholarship, Presidential Study Abroad Scholarship, Dean's List for Fall Semester 2022 and Spring Semester 2023

LANGUAGES AND TECHNOLOGIES

Beginner: PyTorch, NestJS, Firebase, RESTful API, socket.io
Intermediate: Python, C++, HTML/CSS/JavaScript, React Native, MongoDB, Express