

MINH-THAI NGUYEN

SOFTWARE ENGINEER

CAREER OBJECTIVE

Software Engineer with 2 years of experience developing back-end services. Loves learning new frameworks and developing sustainable technology.

PROFESSIONAL EXPERIENCE

July 2021–Present | Cigna, Philadelphia, PA

Software Engineer | Office of Intelligent Automation

- Integrated intelligent document processing functionality into the HyperAutomation Platform using AWS Comprehend Medical
- Delivered APIs and services using .NET and C#
- Delivered an estimated \$2,000,000 in value by automating document retrieval and processing from email inboxes
- Reduced average response time by 30% through distributed Redis caching

May 2020–August 2020 | Cooper Union, New York, NY

Summer Stem Teacher

- Selected by professors to create and teach a curriculum to 60 high school and college students about IoT, Arduino, Electronics, and Python
- Created an at home engineering kit designed to construct a small IoT hydroponics system

June 2019–August 2019 | II-VI Incorporated, Pine Brook, NJ

Engineering Intern

- Leveraged Matplotlib, NumPy, and Pandas to visualize silicon wafer production process data from a SQL database, generating daily Excel reports for business and production managers
- Developed a machine downtime reporting tool in Python for 50+ machines, decreasing the problem identification time by 20%

PROJECTS

Indoor AR Navigation | <https://github.com/thedavekwon/Indoor-AR-Navigation>

As a senior project, developed an Android App that creates a shareable, navigable AR map of an indoor space using Cloud Anchors and displays a path in AR to a destination – Android Studio, Firebase, ARCore, Java

Bloom

Co-creator of an IoT hydroponics system and corresponding controller app on the Google Play Store and the App Store – React Native, NodeJS, Express, JavaScript, Jest, MongoDB, Redux, GCP, Arduino

Ticketmaster Clone | https://github.com/Minhtyyufa/venue_system

As a final project for a databases class, developed a web app that mimicked Ticketmaster functionality using real data from the SeatGeek API – Django, Python, ReactJS, JavaScript, MySQL

Mobile Plant Disease Classifier | <https://github.com/cusap/Plant-Disease-Classifier>

As a final project for a deep learning, created a lightweight deep learning model to classify plant diseases outdoors using a curated dataset and state-of-the-art architecture – TensorFlow, Python

CONTACT INFO

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LinkedIn

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GitHub

<https://github.com/Minhtyyufa>

EDUCATION

May 2021

The Cooper Union, New York, NY

BS in Electrical Engineering,

GPA: 3.8, Major GPA: 4.0

Awards: Tau Beta Pi, Jesse
Sherman Book Award

SKILLS

Python

C++

.NET

Java

.NET

JavaScript

SQL

MongoDB

Git

Django

AWS

Docker

OpenShift