

VIET NGUYEN

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EDUCATION

Bachelor of Science in Computer Science and Applied Math

Graduation: December 2023

Augustana College, Rock Island, IL

- GPA: 3.63/4.0
- Honors and Awards: Dean's List in 2019-2021, Presidential Scholarship

PROJECTS

Sign Language Translator | Google Software Product Sprint Program

June 2022 – August 2022

Participant

- Collaborated with a team under supervision of a Google Engineer through multiple **Scrum sprints** to build a Sign Language Translator with **Java Servlet and Google Cloud APIs**.
- Configured database administration with **Google Cloud Datastore** and performed product launch/testing with **App Engine**.
- Conducted industry practices including code review and task assignment utilizing **Git version control** and **GitHub**.
- Link GitHub: [Sign Language Translator](#).

Codester Combat | Microsoft Student Hackathon 2021

October 2021 – November 2021

Software Developer

- Built a web application to incorporate gaming into competitive programming using **ReactJs, Node.js and Azure**.
- Implemented code compiler screen by extending **JudgeO API** and optimized gaming screen with **CSS** gaming libraries.
- Delivered a **minimum viable product** surpassing over 50 other projects to win the first prize.
- Link GitHub: [Codester Combat](#).

VNUK Club Management | VNUK Institute

October 2021 – November 2021

Full-stack Developer

- Constructed backend infrastructures using **EntityFrameworkCore** and established account hierarchy with **ASP.NET Identity**.
- Integrated **JWT** to encrypt end-user authentication and streamlined photo uploading system with **Cloudinary APIs**.
- Devised **REST APIs** with features: **pagination, filtering, sorting** to boost page performance by 70%.
- Link GitHub: [VNUK Club Management](#).

EXPERIENCES

Augustana College

August 2021 – May 2022

Computer Science Tutor

- Facilitated group tutoring sessions to assist over 50 students in understanding and applying course materials.
- Mentored students and offered **technical support** during labs and assignments to guarantee 100% rate of students achieve the learning outcomes.
- Topics included: **Algorithms, Data Structures, Object-Oriented Programming**.

Google Developer Student Clubs

June 2021 – June 2022

Technical Leader

- Liaised with Head of Marketing Team to organize a course in **Object Oriented Programming** for students.
- Conducted educational sessions for 25 team members to research into industrial technologies: **GitHub, Firebase, NodeJs**.

HONORS & AWARDS

First place – Microsoft Student Hackathon 2021 Challenge Winner

October 2021

Microsoft - [Badge](#)

4th CCSC Midwest Regional 2021 Hybrid Programming Competition

September 2021

University of Indianapolis

Certificate in Intermediate Software Engineering

August 2022

CodePath

TECHNICAL SKILLS

Languages: Java, Python, C-sharp, Git, HTML, CSS, TypeScript, JavaScript

Databases: MongoDB, Google Cloud Platform, MySQL, PostgreSQL, SQLite

Frameworks and Libraries: Node.js, Java Servlet, React, Angular, React Native, Next.js

Tools: GitHub, Postman, Heroku, Ngrok, VSCode, Eclipse, Docker, MongoDB Compass