Anh Nguyen

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EDUCATION

Rochester Institute of Technology   **Rochester, NY**
Honors Program, BS Computer Science & Economics   *Aug 2020 – Dec 2024*
- **GPA:** 3.95/4.00
- **Relevant coursework:** Artificial Intelligence, Machine Learning, Database Management, Distributed Systems

WORK EXPERIENCE

Hochschule Düsseldorf   **Düsseldorf, Germany**
Research Assistant — DAAD RISE Germany Scholar   *May 2024 – Current*
- Researching tools for data quality assurance for safety-critical AI systems, specifically autonomous trains.

Amplify Education Inc.   **Brooklyn, NY (Remote)**
Software Engineer Co-op   *Jan 2024 – May 2024*
- Implemented xAPI user experience collection in mCLASS for more than 200,000 K-3 students in Louisiana.
- Resolved a year-long front-end error that had caused a 10% increase in user frustration, enhancing application reliability and robustness.
- Optimized legacy PagerDuty monitors and alarms, boosting productivity by minimizing alert fatigue.

Software Engineer Co-op   *May 2022 – Dec 2022*
- Built a student data merge tool for Tier 3 Support, saving up to 30 minutes for each manual ticket resolution.
- Investigated data sources for the ongoing GraphQL integration, speeding up the overall transition process.
- Stood in as a Scrum Master for a sprint while the team's designated person was on leave.

Rochester Institute of Technology   **Rochester, NY**
Student Lab Instructor   *Aug 2021 – May 2022*
- Assisted the professor with delivering lessons and answering questions during lab sessions.
- Graded students' assignments and provided tutoring in the mentoring center.

SKILLS

Languages: Python, Java, C#, SQL, JavaScript, TypeScript, Next.js
Developer Tools: GitHub, Amazon Web Services (AWS), noSQL databases, Terraform, Docker, Cloudflare

PROJECTS

Self-hosted Portfolio | *Linux, Cloudflare, Docker*   *Jan 2023 – Current*
- Hosting my portfolio website along with the LoFiBeats project at anhnlh.com.
- **Utilized** Next.js for my website and Cloudflare to configure the domain and securely tunnel the personal server to the internet.

LoFiBeats | *C#, ASP.NET, PostgreSQL, HTML, CSS*   *Jan 2022 – May 2022*
- Built a music website where users can create playlists, follow other users, and see popular songs among friends.
- Scraped song, album, and artist data using the Spotify API to populate the database for the website.
- **Utilized** ASP.NET in C# for the full-stack development and PostgreSQL for the website database.

LEADERSHIP

GCCIS Delegate | *RIT Honors Council*   *Aug 2022 – Current*
- Leads conversations with professors for cooperative opportunities with the Honors Program.
- Communicates with the college advocate to plan recreational and academic activities for students.
- Engages in regular Honors Council meetings where officers plan events and discuss concerns within the program.

Orientation Leader | *Rochester Institute of Technology*   *Aug 2021 – Aug 2021*
- Led a group of 30 first-year students to attend various events during the university's New Student Orientation.
- Facilitated connections and eased the college transition for incoming students through organized group activities.

AWARDS

First Place, Meet & Hack 2022: Awarded 1st place for the **HealthHacks** website project, out of 13 submissions.