

Jeremy Nguyen

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EDUCATION

The University of Texas at Dallas | Richardson, TX

December 2024

- Bachelor of Science in Computer Science – GPA: 4.0
- *Relevant Coursework:* Computer Science (C/C++), Discrete Mathematics for Computation, Electricity and Magnetism, Mechanics, Differential and Integral Calculus, Linear Algebra

SKILLS

Software: C++, C, Java, HTML, CSS, TypeScript, JavaScript, MIPS Assembly, LINUX Command Lines

Tools: AutoCAD, Microsoft Office, GitHub, Node.js, GTK

Other: Mathematics, Physics, Vietnamese (Native Language), Japanese (Beginner)

EXPERIENCE

GXM Contractor – NSIN | Software Developer

June 2022 – Present

- Take the current GUI code of a software for collecting data from high-speed projectiles, which is in gtkmm2 with C/C++98, and convert it to gtkmm3 with C/C++17
- Compile libraries for the above software for operation in Windows environment, as the current code is optimized for Linux OS

Artificial Intelligence Society | Back-end Software Developer

February 2022 - Present

- Back-end development using TypeScript and Discord API to improve and add new functionalities for the organization's instant messaging platform, aiming to engage and encourage more interactions between members of the organization

U.S. Department of Defense – Armed Forces | Texas Army National Guard

March 2020 – Present

- Inspect military transportation units (LMTV, HUMVEE, etc.), report malfunctions for maintenance team
- Load and unload military equipment, transport cargo for projects using heavy-duty trucks (LMTVs)
- Read, interpret, and take initiative to implement construction project drawings with other construction engineers in same or many platoons into job sites
- Closely complete tasks set forth by leaders and accurately report mission outcomes to senior Non-Commissioned Officers
- Clean, maintain, repair, and inventory firearms and other weapon systems

Numerade | Mathematics and Physics Content Creator

March 2021 – February 2022

- Content creator by recording videos explaining problems presented in textbooks
- Respond to homework questions in real time on Q&A sections and record a video explaining the topic in an in-depth manner

Mathnasium | Mathematics and Physics Tutor

June 2019 – May 2020

- Tutored math ranging from K-12 including specialized topics including Calculus, Linear Algebra, Statistics, IB Math Higher Level
- Tutored high school physics to college-level, calculus-based physics (Mechanics and Electric & Magnetism)

INVOLVEMENT

Texas A&M Machine Learning | Camp Counselor

July 2021

- Technical help and guide an assigned group of 4 middle school and high school students creating a PowerPoint and demo addressing the statistics of Coronavirus cases
- Coordinate the 3-day camp event with the official organizer, monitoring students, and taking accountability of campers

TAMU Hack | Mentor

January 2022

- Technical help with development tools and general programming fundamentals, syntax, logic, data structures, and algorithms

CERTIFICATION

HackerRank Problem Solving (Basic) | HackerRank