

Michael Nguyen

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Active Secret Clearance (Exp. 2026)

EDUCATION

Wentworth Institute of Technology | Boston, MA

Expected Graduation: August 2024

Bachelor of Science in Computer Science

Overall GPA 3.77/4.00

Dean's List (5 Semesters)

Related Courses: Operating Systems, Data Structures, Algorithms, Databases, Computer Organization, Security Principles, Computer Science I & II, Introduction to Networks, Routing & Switching, Network Administration

Marine Corps Communications-Electronics School | Twentynine Palms, CA

Oct. 2016 - April 2017

Completed 13-week course prescribed by Commandant of the Marine Corps to become a Cyber Network Operator

SKILLS

Programming Languages: C, Java, Python, HTML, CSS, JavaScript, SQL

Software: Visual Studio Code, Eclipse, IntelliJ, Sublime Text

Certifications: CompTIA Security+ (Exp. 2024), Cisco Certified Entry Technician (Exp. 2023)

PROJECTS

Personal Website | HTML, CSS, JavaScript (Individual)

Mar. 2023 – Present

-Modified existing template by <https://github.com/bchiang7/v4>

-Implemented Scalable Vector Graphics (SVG) for graphic definition

Minesweeper | Java (Individual)

Jan. 2021 - April 2021

-Developed Java version of popular single-player puzzle video game Minesweeper

-Allowed users to select from three difficulty levels: easy, medium and hard

EXPERIENCE

Raytheon BBN Technologies | Cambridge, MA

Software Developer Intern

Jan. 2023 - Present

-Participated, assisted and supported technical projects including the design, analysis, simulation, prototyping, testing and implementation of software or systems for advanced applications, technologies, and services.

-Conducted research on Red Hat Enterprise Linux (RHEL) operating systems and produced documentation that describes the installation, deployment, and maintenance of RHEL 8.1 Apache-based YUM/DNF repositories and client systems using VirtualBox

Systems Administrator Intern

May 2022 - Aug. 2022

-Designed scripts to automate tasks, display content, execute command sequences, extract, and administer systems

-Developed a program using Python and Flask that calculated the amount of PTO to be used by each employee given a CSV file containing a list of employees with their respective start and end dates. Implemented functions that exclude weekends and company observed holidays. Program was hosted on an internal website.

United States Marine Corps | Camp Lejeune, NC

Data Systems Administrator

June 2016 - June 2020

-Installed, deployed, and maintained Windows Server, Microsoft Exchange, virtualization environments, Public Key Infrastructure (PKI) and warfighting systems.

-Constructed and maintained network architecture that consisted of Cisco local area network (LAN) switching and wireless, Cisco routing protocols, Cisco networking fundamentals, cybersecurity fundamentals, video and telephony services, and storage administration

-Provided a customer support element in stand-alone and client/server environments to assist end users with phone/computer issues, network connections and IT support