

Carl C. Masters

Computer Science Student

Software and Cybersecurity Focus

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EXPERIENCE

United States Marine Corps — *Field Artillery Radar Operator*

Camp Hansen, Okinawa, Japan · June 2022 – August 2024

Camp Lejeune, North Carolina, USA · August 2024 – June 2025

- Operated the AN/TPS-80 Ground/Air Task Oriented Radar, AN/TPQ-48 Lightweight Counter Mortar Radar, and AN/TPQ-46 Firefinder Radar in mission-critical environments, tracking thousands of artillery munitions and delivering battlefield intelligence to commanders.
- Led small-team operations for deployment, calibration, and systems readiness of multimillion-dollar radar systems under demanding conditions and strict time constraints.
- Served as KMI Custodian, responsible for secure handling and loading of military cryptographic keys using a Simple Key Loader (Sierra Nevada Corp.) on L3Harris AN/PRC-117G and AN/PRC-152 radios.
- Attended two formal military schools, qualifying as both a Combat Marksmanship Coach (CMC) and Combat Marksmanship Trainer (CMT), developing and delivering full courses of fire across the unit.

EDUCATION

Temple University Japan, Tokyo — *B.S. Computer Science*

September 2025 – Expected 2029

Python, C, Java; CS theory; discrete mathematics; algorithms; OOP.

Lake Minneola High School, Minneola, Florida, USA

August 2017 – May 2021

PROJECTS

TabeTalk Beta — *Builders Weekend 2026 Hackathon*

Shibuya, Tokyo · March 2026

Built an AI-powered dining app with a 5-person team that eliminates bill-splitting chaos. Guests provide a voice sample; the app identifies who ordered what in real time. When the check arrives, costs are assigned automatically and each guest pays their share hands-free.

Stack: Voice AI, real-time speech recognition, APIs. Sponsors: Open Network Labs, VoiceOS, ElevenLabs, RevenueCat, Lovable, Supercell.

UI/UX Hackathon — *Temple University Japan*

March 2026 · 1st Place

Redesigned a visually broken and non-functional website from the ground up, resolving core issues and introducing new features that improved usability and user retention. Delivered a clean, user-centered interface under a tight time constraint.

Freelance English Teacher Site

Business site for a freelance English teacher with a clean landing page, services section, and contact form. First project built for a real client. Stack: HTML, CSS, JavaScript.

Academic Programming Projects — *Personal Portfolio*

Software and web development projects built during CS studies using HTML, CSS, and vanilla JavaScript with animations and responsive layout.

personal-portfolio-carl-masters.pages.dev

SKILLS

Programming:

Python, C, Java, HTML, CSS, JavaScript

Web:

Responsive Design, DOM Manipulation, Flexbox / Grid, Web Forms

Tools:

Git, GitHub, VS Code, Terminal / CLI

Technical:

Systems Operation, Radar Employment & Maintenance, Secure Communications, Cryptographic Key Management

Professional:

Leadership, Team Management, Training, High-Pressure Decision Making, Curriculum Development

Learning:

Cybersecurity, Digital Privacy, Operating Systems, AI / Machine Learning, Discrete Mathematics

AWARDS

1st Place — *UI/UX Hackathon, Temple University Japan*

Overhauled a visually broken and non-functional website, redesigning the UI from the ground up, resolving functionality issues, and introducing new features that improved usability and user retention.

Navy and Marine Corps Achievement Medal

Awarded for exceptional performance in cryptographic security management and personnel training roles.

LANGUAGES

English (Native Level)

Japanese (Beginner Level)

SCAN TO CONNECT



LinkedIn



Portfolio