

Amiel Jeremiah M Halili

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EDUCATION

Bachelor of Science (B.S.) - Computer Science (Passed Foundation EXAM)

University of Central Florida, Orlando, FL

Expected Graduation: December 2025

GPA: 3.3

- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Systems Software, Discrete Math, Cybersecurity, Computer Organization, Physics II, Matrix and Linear Algebra

Associate of Arts (A.A.) - Liberal Arts Education (Dual Enrollment)

Polk State College, Winter Haven, FL

May 2020 - May 2022

GPA: 3.5

SKILLS

- **Languages:** English (fluent), Tagalog (Filipino, conversational)
- **Certifications:** TestOut CyberDefense Pro Certification
- **Languages & Tools:** JavaScript, TypeScript, Python, C, Java, C#, SQL, HTML/CSS, PHP, Git
- **Frameworks & Libraries:** React, Node.js, Express, Flask, Next.js, Tailwind, TensorFlow, PyTorch
- **Platforms & Databases:** Firebase, Supabase, PostgreSQL, MongoDB, Shopify Hydrogen/Oxygen, AWS, PostGIS, QGIS, Vercel
- **Specialties:** Full-Stack Web Dev, Geospatial Systems, ML (CNN, LLM), RAG (Retrieval-Augmented Generation), eCommerce

WORK EXPERIENCE

Mirai Arcade – Software Developer & IT Associate

May 2025 - Present

- Built and maintained a scalable Shopify eCommerce platform using Hydrogen/Oxygen, enhancing frontend performance and improving customer checkout flow, **supporting 100+ users monthly.**
- **Supported** backend and IT systems across POS and membership platforms, integrating software diagnostics with hardware support to improve uptime and reliability.

Cooledtured Collections LLC – Web Developer Intern

May 2025 - September 2025

- **Collaborated** with marketing and design teams to develop responsive Shopify storefronts that prioritized UX, accessibility, and SEO performance.
- **Implemented** Firebase for real-time product data handling and improved client-side functionality using reusable React components.

Oasis – Frontend Developer Intern

May 2025 - Present

- **Helped lead** frontend development of an AI-driven travel itinerary app, delivering modular UI components and seamless user flows for real-time travel planning.
- **Integrated** external APIs and collaborated cross-functionally in an Agile workflow to rapidly ship and iterate on features in a startup environment.

PROJECTS

EcoSense – Knight Hacks UCF 2024 (1st Place) (Sep 2024)

Languages: JavaScript, React, CSS, Next.js, Firebase, Clerk, Pinecone

- **Led** a team of 4 to build a smart energy dashboard integrating IoT devices, RAG-powered personalization, and real-time analytics.

- **Improved** household energy **efficiency by 25%** through automation and regulatory compliance insights.

DermaDetect – HackUSF 2025 (April 2025)

Stack & Architectures: React, Python, Pytorch, JS, TensorFlow, Flask, CNN, LLM

- **Created** a diagnostic web app that achieved **80% accuracy** in classifying skin lesions using a CNN and clinical data.
- **Enhanced** patient interaction through LLM-generated, medically relevant insights based on user context.

Whooga Frontend & Geospatial Databases (Jan 2025 - Present)

Languages: Express, Node.js, React, PostgreSQL, PostGIS, QGIS

- **Integrated** geospatial search capabilities to enable **proximity-based product browsing**.
- **Built** responsive frontend with **real-time location-based product visibility**.

Wander Travel Itinerary and Journal (Jan 2024 - May 2025)

Languages: MERN stack (MongoDB, Express, React, Node.js)

- **Designed** a full-stack journaling and itinerary tool where users could plan trips and document experiences.
- **Built** user interfaces for trip logging, community features, and location tagging.

Hyve - Networking Hub (September 2025)

Languages: React, Tailwind, Node.js, Supabase, QRserver API, Vercel

- **Built** a social networking platform where students can host and join events, track attendance via QR codes, and grow professional recommendations. **Used** real-time event feeds, authentication, and personalized event recommendations.

Leadership Experience

EXCEL: Learning Living Community at UCF | Member

August 2022 - May 2023

- **Participated** in an intensive academic program for high-achieving STEM students.
- **Supported** peer tutoring and promoted early access to undergraduate research.

AJENCY Dance Team | Founding Member & Dancer

August 2022 - November 2024

- **Founded and managed** a multicultural dance group; led performances and coordinated inter-club events.