

Rafael Hernandez Vantuyl

8167398187 | rhernandezvantuyl@gmail.com | [/in/rafael-vantuyl](https://in/rafael-vantuyl) | github.com/REHVan | rafaelhernandezvantuyl.com

EDUCATION

University of South Florida
Bachelor of Science in Computer Science

December 2026
GPA: 3.76/4.00

WORK EXPERIENCE

Chime Financial May 2025 – Present
Software Engineering Intern Chicago, IL

- Coded features to display customer data using **React** and **Ruby on Rails**, improving usability for **100+** agents
- Developed **20+** unit and integration tests in Jest and RSpec, ensuring reliable page migration
- Collaborated with **5+** support agents to gather user feedback and refine page design
- Deployed 3 key pages, improving vendor security checks for **100+** weekly support interactions

MTW Solutions June 2022 – March 2025
Software Development Engineer Intern Kansas City, KS

- Developed full-stack federal grant app (HTML, JS, C#), helping 200+ schools claim **\$10M** in extra funding
- Automated notifications with a daily batch job using C#, reducing time spent sending alerts by **50%**
- Integrated Sam.gov REST API for validation, cutting manual checks by **90%** and boosting compliance
- Resolved **3+** bugs monthly, reducing downtime and resolution time by **15%**

SOFTWARE PROJECTS

BiteSound | *React Native, TypeScript, OpenAI API, PostgreSQL* March 2025 – Present

- Built app in React Native with **10 modules** and **5 lessons** each to teach verbal and written communication
- Integrated Supabase Auth for secure login and used Supabase to manage **50+ lessons**

UniSponsor | *React, Node.js, Express, PostgreSQL, CSS* July 2024 – September 2024

- Designed intuitive UI in React and CSS for managing templates, contacts, selective sending, and mass outreach
- Developed backend with Node.js, Express, and PostgreSQL to support auth, data storage, and email automation
- Enabled **1000+** personalized outreach emails with custom message logic and contact-level targeting

LEADERSHIP EXPERIENCE

Vice President of External Affairs May 2025 – Present
Society of Hispanic Professional Engineers (SHPE) USF Tampa, FL

- Lead **7** external team members by setting outreach goals and a weekly cadence to drive Fall 2025 engagement
- Secure **\$5,000** in funding and lead **15+** company meetings through targeted outreach and follow-up
- Manage relationships with **12+** sponsors to drive retention and secure early commitments for upcoming initiatives

Network Relations Director June 2024 – May 2025
Society of Hispanic Professional Engineers (SHPE) USF Tampa, FL

- Enhanced industry partnerships by leveraging a network of **800+** to generate **300+** leads and **3** partnerships
- Executed outreach with a 10-person team, sending **80+** weekly emails and helping secure **\$10,000** in sponsorships
- Coordinated events with NASA, Goldman Sachs, and Amazon, and supported office tours with Jabil and Citi

TECHNICAL SKILLS

Certifications: CompTIA ITF+, Testout IT Fundamentals Pro

Languages: C#, C/C++, Python, JavaScript, TypeScript, HTML5, CSS, SQL, Ruby — Basic: Java, Swift, SwiftUI

Frameworks: Bootstrap CSS, React, Node.js, Express, .NET, MVC, jQuery, Ruby on the Rails

Tools & Databases: Azure DevOps, Git (Version Control), PostgreSQL, Microsoft SQL Server, MySQL, Unix

Methodologies: Agile, Jira, CI/CD pipelines, Scrum, MicroService, Unit Testing

Core Skills: Full Stack Development, Web development, Object-Oriented Programming OOP, Data Structures and Algorithms, Software Engineering, Computer Architecture, Computer Organization, Program Design