

# EDMUND T. FELICIDARIO

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## EDUCATION

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### California State University San Marcos

San Marcos, CA

B.S. in Computer Science

Graduation Date: May 2024

- Organizations/Awards: Developer Student Club, IEEE, ACM, Tau Sigma National Honors Society, Dean's List F'22
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Software Engineering, Relational Database Management Systems, Computer Networking, Computer Security

## TECHNICAL SKILLS

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**Programming Languages:** C/C++, C#, Python, HTML, CSS, JavaScript

**Frameworks:** .NET, Flask, Bootstrap

**Databases:** SQL, MySQL, MariaDB, SQLite

**Tools:** Git, Visual Studio, Visual Studio Code, Linux, MATLAB, JIRA Software, AWS, REST APIs, Jenkins, Docker, Kubernetes, Ansible

## EXPERIENCE

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### IT – Systems & Network Intern

June 2022 – August 2022

QuidelOrtho

San Diego, CA

- Lead the Distributed File System project to propose optimal file system and business solutions to IT team superiors to save the company \$16,000+ of total costs over 3 years
- Created a Virtualization sandbox using Nutanix CE and VMware to perform test installations, upgrade blade server BIOS and firmware, and installed Nutanix CE and Ubuntu virtual machines
- Maintained and upgraded on-prem company data center to provide control and security over company network infrastructure
- Programmed a PowerShell watchdog script for the company's Rubrik Backup Service to monitor and prevent company data loss and corruption

## STUDENT LEADERSHIP

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### Technical Lead

September 2023 - Present

Google Developer Student Club

California State University San Marcos

- Conducted a technical workshop to teach 20+ students how to create a Windows Forms application using Visual Studio, C#, and .NET framework
- Worked alongside core team members to plan and organize workshops and info sessions that will guide and educate students towards academic and career success

### Technology Tutor

September 2022 – December 2022

San Marcos Senior Activity Center

San Marcos, CA

- Taught and developed practical technology skills to maximize utility of their personal devices
- Assisted staff in hosting and organizing events for residents to network and enjoy

## PROJECTS

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### Hot Brain

August 2023 – December 2023

- Developed an online neural dating and networking web application with 4 other group members using Python, Flask, and BrainBit SDK to match users based on brainwave activity to a collection of curated clips
- Used JIRA Software agile project management tool to coordinate app development through epics and user stories
- Experienced a 2-week Agile sprint working as a team to develop our application and discuss in the weekly standup

### Password Manager Browser Extension

October 2023 – December 2023

- Created a full-stack password manager browser extension with 3 other group members to address growing number of data breaches and cyberattacks due to weak or reused passwords
- Engineered a user-friendly solution to store, generate, and autofill passwords to provide convenience and security

### UNIX Shell

February 2023 – March 2023

- Created a UNIX shell program in C++ to allow the user and operating system to interact by prompting for input, interpret the input for the OS, and then handling any resulting output from the OS
- Replicated command-line interface capable of accepting and executing input in separate processes
- Implemented history, input/output, ls, logical AND/OR, and vim commands to demonstrate capability

**Willing to participate in a government clearance investigation**