

EMILY NGUYEN

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EDUCATION

Chapman University | Orange, CA

Anticipated Graduation May 2024

B.S. - Computer Science

Cumulative GPA: 3.72

Minor in Psychology & Analytics

Related Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management, Software Design, Data Comms/Computer Networks, Computer Architecture, Discrete Mathematics, Linear Algebra, Operating Systems, Data Science, Statistical Models in Business Analytics, Programming Languages

SKILLS & TECHNICAL TOOLS

Languages: Python | Java | SQL | C++ | HTML/CSS | JavaScript | Unix/Linux

Technologies: Git | SQL Server | VS Code | CyberArk | Jira | Bootstrap | MS Suite

PROFESSIONAL EXPERIENCE

AAA - Auto Club Enterprises

Jun 2023 - Present

Database Administrator Intern

- Implemented SQL Server migrations, installations, and upgrades with minimal downtime
- Conducted regular database maintenance, including backup, recovery, HA/DR models, and optimization
- Provided on-call troubleshooting support to production servers
- Participated in Scrum ceremonies and cross-functional collaboration within the Agile team

Code Ninjas

Feb 2023 - Present

Computer Science Tutor

- Taught students the fundamentals of programming, problem solving, and algorithm design
- Guided students through building their own personal projects using Scratch, Python, & JavaScript
- Collaborated by exchanging ideas with fellow educators, optimizing student learning outcomes
- Provided regular feedback and support to ensure continuous improvement and academic success

RELEVANT PROJECTS

Personal Portfolio - <https://emilynguyenl.github.io>

Cookbook Database Website

April 2023 - Present

- Utilized MySQL as the backend database for efficient data storage and retrieval
- Developed the website using Next.js, a popular React framework, ensuring fast and responsive user experiences
- Implemented HTML and CSS for intuitive and visually appealing frontend design
- Developed a comprehensive cookbook database featuring a wide range of recipes

Pill Box Project

Jan 2022 - May 2022

- Collaborated with a team of six using Arduino to create code to set pill dispenser timer that initiated motor
- Executed the creation of the pill box using Ultimaker 3D Machine
- Designed the structure of the pill box using TinkerCad
- Presented project to over 100 colleagues at the Grand Challenge Initiative Showcase

DriveQuest Driving Test App

Aug 2021 - Dec 2021

- Worked with a team of 20 to develop an application for a private company using Agile SDLC methodologies
- Searched for opportunities to increase user-end satisfaction
- Utilized Figma to design a web interface to create an appealing front-end application for user interaction
- Met with client to prioritize business requirements and address any concerns

ABOUT ME

Languages: Vietnamese (proficient), Spanish (conversational)

Interests: Roller Skating, Traveling, Puzzles, Baseball, Charcuterie Boards