DAT NGUYEN

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CAREER PROFILE: *Dedicated to advancing my career with a leading organization that will utilize my extensive software development knowledge while also allowing me to develop further as a professional. Proven ability to analyze application requirements and effectively develop, test, implement, and document complex computing applications, achieving optimal design results with minimal challenges. Growth-focused leader with expertise spanning software development lifecycle (SDLC), front-end and back-end development, Agile methodologies, multi-threading, software testing, troubleshooting, critical thinking, problem-solving, software documentation, and team leadership. Exceptional professional with keen interpersonal, communications, and task prioritization expertise.*

EDUCATION AND CREDENTIALS

BACHELOR OF SCIENCE (B.SC.) IN COMPUTER SCIENCE, MAY 2024
> University of Washington, Seattle, WA
> Coursework: Web Programming, Data Visualization, Data Science, Software Design and Implementation, Design of Digital Circuits and Systems, Programming Languages, Software Engineering, Introduction to Artificial Intelligence and Machine Learning, Computer Architecture, Computer Communication Networks

TECHNICAL PROFICIENCIES

- C/C++
- Python
- Java
- C#
- HTML
- CSS

- JavaScript
- TypeScript
- MySQL
- Figma
- Azure Boards
- Azure Repos

- REST
- React.js
- Node.js
- Software Testing
- Software Documentation
- Object-Oriented Design

PROJECTS

TEAM HEALTH - TEAM PROGRESS VISUALIZATION, OCTOBER 2023 TO MAY 2024
- Oversaw the design and development of a front-end web application for monitoring team health within an Agile framework, focusing on sprint completion visualizations, and using Test-driven development practices.
- Garnered and presented real-time insights and enhanced team performance tracking.
- Created and integrated a seamless interface with the Azure DevOps API to retrieve project data in JSON format.
- Prepared a comprehensive and interactive sprint completion dashboard using Chart.js and React.

NOTASY - NOTE TAKING APPLICATION, JANUARY 2023 TO MAY 2023
- Engineered a web application in collaboration with a four-member team and managed the full software development lifecycle, from initial planning and design to deployment and testing.
- Created and delivered detailed, clear notes to diverse user groups, including students, professionals, researchers, and other individuals.
- Played a key role in back-end development by creating a MySQL database schema to support multiple use cases, including user accounts, note management, version control, collaboration, commenting, and access control.

MEOWTRAIL – HIKING WEB APPLICATION, JANUARY 2022 TO MAY 2022
- Designed and developed a web application that uses a clever cat theme to provide a unique and engaging user experience for tracking and documenting hiking activities.

- Built a functionality to log hiking routes, which displayed a trail map, recorded the duration from start to finish, and incentivized users through checkpoint achievements.
- Leveraged React.js for the user interface and Azure for backend services, including SQL database, and serverless functions to manage user data, hiking records, and achievements.
- Integrated with Google Maps API to provide detailed maps and trail information.

PROFESSIONAL EXPERIENCE

COSTCO, TUKWILA, WA, AUGUST 2018 TO PRESENT
PHARMACY ASSISTANT
- Engage positively and professionally with diverse customers while providing assistance with inquiries and dispensing prescribed medications to 50+ customers per hour during peak times.
- Partner closely with pharmacists and other members of the healthcare team throughout daily activities to ensure tasks are completed according to procedures and standards.
- Create, compile, and maintain 100+ vaccination documents per day, confirming all information is current and accurate.

FRY'S ELECTRONICS, RENTON, WA, APRIL 2015 TO OCTOBER 2016
SALES ASSOCIATE
- Provided exceptional customer service and experience, utilizing in-depth knowledge of 50 electronic products, including gaming desktops, business laptops, and smart TVs, to offer advice on usage requirements and technical specifications.
- Recognized as "Employee of the Month" for five months, receiving positive reviews on customer feedback and consistently exceeding monthly targets through personalized customer service and expert product knowledge.
- Monitored floor inventory levels and proactively restocked merchandise, resulting in a 98% product availability rate and receiving positive customer feedback for maintaining a well-stocked and organized store environment.

VOLUNTEERISM

VIETNAMESE MARTYRS PARISH, TUKWILA, WA, SEPTEMBER 2015 TO CURRENT
YOUTH LEADER
- Facilitate weekly catechism classes for a group of over 50 children aged six to nine years and mentored two volunteer teachers, providing training and support that improved their teaching effectiveness and confidence.
- Acted as a liaison between the church and the families of the children, communicating regularly about their progress in bible study, scouting program, and Vietnamese language studying to their parents.
- Served as an altar server twice a week and assisted with various church activities, including assembling the stage for summer and New Year events and managing a sales booth.

ADDITIONAL INFORMATION

Languages: English, Vietnamese (bilingual)

Interests: Snowboarding, hiking, tennis, painting, paddle boarding, collecting "been there series" Starbucks mugs, Japanese culture and language.