

Justin D. Perez

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EDUCATION

Southern New Hampshire University (SNHU) - Manchester, NH

2023 - 2024

New Hampshire Bachelor of Science in Computer Science, Concentration in Software Engineering
Graduation Date: December 2024 | GPA: 3.92

Relevant Coursework

- **Secure Coding Practices (CS-405)**
Focused on identifying vulnerabilities and writing secure code to mitigate risks.
- **Data Structures and Algorithms (CS-300)**
Explored algorithmic design and evaluation of complex data structures for optimized problem-solving.
- **Full-Stack Development I (CS-465)**
During the 'Full-Stack Development I' course, I honed my skills by designing and developing full-stack applications with integrated database solutions.
- **Software Development Lifecycle (CS-250)**
Analyzed and applied SDLC stages with agile methodologies for high-quality software development.
- **Emerging Systems Architecture and Technology (CS-350)**
Evaluated established and emerging system architectures to enhance application performance.
- **Client/Server Development (CS-340)**
Applied database systems concepts to develop client-server applications for business use cases.
- **Software Reverse Engineering (CS-410)**
Gained hands-on experience in reverse engineering techniques to improve legacy systems and ensure maintainability.
- **Mobile Architecture and Programming (CS-360)**
Developed mobile applications using user-centered design principles and industry best practices.
- **Software Testing, Automation, and Quality Assurance (CS-320)**
I implemented software testing, automation, and quality assurance (CS-320), and I implemented testing strategies to ensure software quality and reliability, demonstrating my commitment to delivering high-quality software.
- **Operating Platforms (CS-230)**
During Operating Platforms (CS-230), I explored system-level architectures and evaluated their impact on software performance, enhancing my understanding of software performance.

Dallas College Mountain View - Dallas, TX

2008 ~ 2013

Associate of Science
Graduation Date: ~2013

PROFESSIONAL EXPERIENCE

Caregiver/Student, Dallas, TX

2017 ~ Present

Caretaker For Family Member

- Provided dedicated care for a family member, managing medical appointments, daily living assistance, and overall well-being.
- Strengthened organizational and time-management skills by balancing caregiving responsibilities with full-time education.
- Developed effective communication and problem-solving strategies to address evolving needs.

Target, McKinney, TX

2015 ~ 2017

Baker Retail Management

- Managed daily bakery operations, including inventory management, quality assurance, and customer service, resulting in consistent sales growth.
- Led a team to meet and exceed productivity and efficiency targets, fostering a collaborative work environment.
- Streamlined workflow processes to reduce waste and improve overall operational efficiency.

Party City, Plano, TX

2013 ~ 2015

Front Of Store Retail Management

- Supervised front-of-store operations, ensuring a seamless customer experience and optimizing checkout efficiency.
- Trained and mentored new team members, enhancing overall team performance and customer satisfaction.
- Implemented promotional strategies to drive sales, consistently increasing revenue.

Bath & Body Works, Plano/Frisco, TX

2008 ~ 2013

Key Holder/Retail Marketing Management

- Oversaw daily store operations, including opening/closing procedures, staff supervision, and cash management.
- Executed marketing campaigns and merchandising strategies, leading to increased customer engagement and sales growth.
- Delivered exceptional customer service, building strong client relationships and driving repeat business.

SKILLS

- **Programming Languages:**
Python, Java, C++, JavaScript, HTML, CSS, SQL
- **Computer Software/Frameworks:**
Microsoft Office Suite (Word, Excel, PowerPoint), MongoDB, MySQL, Git, GitHub, React, jQuery, Flask, Spring Framework, OpenGL, PyMongo, Dash Framework, Visual Studio Code, IntelliJ IDEA, Code Composer Studio
- **Development Tools & Concepts:**
Agile Development, Software Development Lifecycle (SDLC), Unit Testing, Debugging, and Version Control
- **Languages:**
English (Fluent)

PROJECTS & EXTRACURRICULAR

Grazioso Salvare Rescue Web Application

May - June 2024

- Developed a MongoDB-integrated web application to analyze and filter animal characteristics for rescue training suitability.
- Designed and implemented a user-friendly interface using Python, Dash Framework, and PyMongo.
- Created database models and queries to ensure seamless interaction between the client interface and back-end systems.

Secure Authentication System

Sept - Oct 2024

- Built a robust authentication system using Java, focusing on secure password encryption and user validation processes.
- Applied industry-standard encryption algorithms to ensure data safety during storage and transit.
- Highlighted project as part of SNHU's capstone portfolio, demonstrating expertise in secure coding practices.

Youth Leadership Volunteer

2005 ~ 2008

- Served as a youth leader, organizing interactive activities for children ages 6–12.
- Developed age-appropriate lessons and engaging hands-on activities, fostering collaboration and creativity.
- Mentored children during summer camps, emphasizing team-building skills and personal growth.

Leadership Experience in Child Development Activities

2005 ~ 2008

- Oversaw and facilitated structured programs for youth engagement, promoting collaboration and teamwork.

Volunteer Camp Counselor

2007 ~ 2009

- Interned at local summer camps, supervising daily activities for groups of up to 20 children.
- Designed and led workshops in problem-solving, creativity, and technology-focused projects.
- Coordinated with peers to ensure a safe, supportive, and inclusive environment for all participants.