

Johnny Gereige

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PROFESSIONAL SUMMARY

Computer Science graduate with a strong foundation in software development, databases, and system operations, currently pursuing a Master's degree in Applied Artificial Intelligence at Lebanese American University (LAU). Skilled in Python and C++ for problem-solving, data handling, and algorithm implementation, with practical exposure to machine learning concepts through projects and academic coursework. Experienced in working with SQL, MongoDB, and modern frameworks including React.js and Node.js. Strong communicator and collaborative team player with solid organizational skills, supporting project planning, coordination, and smooth cross-team execution. Eager to expand expertise across the technology field, including AI/ML, and contribute to building reliable, scalable solutions. Demonstrated ability to adapt quickly to new technologies and deliver results in fast-paced, multidisciplinary environments.

TECHNICAL SKILLS

- **Programming & Scripting:** Python, JavaScript, C++, C#, Bash
- **Web & Software Development:** React.js, Node.js, Express, Firebase, TypeScript, HTML5, CSS3, Responsive Design, UI/UX Principles
- **Databases & Data Management:** SQL, PostgreSQL, MongoDB, Supabase · Query Optimization · Data Modeling
- **Systems & Infrastructure:** Linux/Unix, Windows · Server Configuration, Monitoring & Troubleshooting · DNS and Network Fundamentals
- **AI & Data Tools:** NumPy, Pandas, TensorFlow, PyTorch (Foundational Knowledge)
- **Version Control & Deployment:** Git, GitHub, cPanel, FastComet · CI/CD Basics · Automation Scripting
- **Other Tools & Platforms:** Excel, WordPress, Expo, Postman, Microsoft Office
- **Core Computer Science Competencies:** Object-Oriented Programming (OOP), Software Design Principles, Data Structures & Algorithm Analysis, Database Design & SQL Modeling, Performance Optimization, Parallel Programming, Computer Security

WORK EXPERIENCE

Intern - AIQ

Sep 2024 - Feb 2025

- Supported the development and testing of an AI chatbot, including bug reporting and contractor coordination.
- Contributed to WordPress performance enhancements through custom-coded features and UI evaluations.
- Assisted in debugging and optimizing backend integrations to ensure stable system communication and faster response times.

Technician / Light Engineer - Fiesta 360

Part time | May 2023 - Present

Operated and maintained lighting and sound systems for live events, ensuring optimal setup, synchronization, and smooth technical performance.

EDUCATION:

Master of Science (MS) in Applied Artificial Intelligence

Online | March 2026 - Present

Currently pursuing advanced studies in artificial intelligence, with a focus on practical applications and data-driven problem solving. Building technical and analytical skills to develop innovative solutions for real-world challenges.

Notre Dame University Louaize

Sep 2022 - June 2025

Bachelor of Science (BSc) in Computer Science - ABET Accredited Program.

Broad knowledge in all fundamentals of computer programming and software design.

Colleges Des Freres Deddeh

Sep 2007 - Aug 2022

General Sciences, graduated with distinction.

CERTIFICATIONS

Web Development Training

Sep 2023- May 2024

Trainer: Rony Rizk

Relevant skills: *HTML, CSS, JavaScript, ReactJS, NodeJS, Git, GitHub, SQL, MongoDB.*

Learned to build and deploy full-stack applications efficiently.

Notre Damme University Louaize bootcamp - *Python* and *unity* game development

Sep 2022

Explored Python fundamentals and Unity for game design. Designed a basic 2D game using Unity.

COIL Program – Food Properties

Mar 2025

Completed an international virtual course on food safety and properties, in collaboration with Universidad Panamericana (Mexico) and NDU (Lebanon), focusing on the role of fermented foods.

PROJECTS

Senior Project - Food Ordering system

Jan 2025 - May 2025

Designed and developed a responsive food ordering platform using *Next.js*, *React.js*, and *TypeScript*. Utilized *Supabase* for backend services and *PostgreSQL* for robust data management.

KEY COMPETENCIES

Problem-Solving · Leadership · Technical Writing · Critical Thinking · Time Management · Collaboration · Adaptability · Attention to Detail · Communication · Sociable · Teamwork · Creativity · Decision-Making

ORGANISATIONS

Google Developer Student Club

Participated in coding workshops, hackathons, and collaborative projects focused on web and mobile technologies. Engaged with peers to exchange ideas, enhance problem-solving abilities, and strengthen technical and professional networking within the developer community.

LANGUAGES

Arabic Fluent · English Fluent · French Advanced · Spanish Beginner

INTERESTS

Artificial Intelligence, Machine Learning, Data Analytics & Predictive Modeling, Cryptocurrencies, Blockchain, Virtual Reality.