Nicolas Donati

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EDUCATION

Instituto Tecnológico y de Estudios Superiores de Monterrey Querétaro, México
Bachelor in Computer Science and Technology *Expected Graduation, Jun 2027*
- **GPA:** 93.7% – 4.0/4.0
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Machine Learning, Statistics & Applications, Software Engineering

EXPERIENCE

Back Office Agent May 2023 – August 2023
AXA Air Travel Insurance *London, UK*
- Engineered and implemented streamlined processes to ensure prompt and accurate disbursal of payments to clients
- Enhanced operational efficiency and client satisfaction by implementing process improvements, leading to the disbursal of payments in a timelier manner, with up to a 20% increase in speed

Lead Design Team Manager Season – 2023
FIRST Robotics Competition *Los Angeles, USA*
- Directed a successful robotic engineering project for the FIRST Robotics Competition, overseeing the design and construction of a competitive robot using SolidWorks for modeling and prototyping
- Formed and managed a highly effective three-person team, coordinating collaboration and maximizing individual strengths to optimize project development and meet competition deadlines
- Implemented strategic planning and project management techniques to ensure smooth progress and timely completion of milestones, resulting in the successful participation of the team in the FIRST Robotics Competition
- Demonstrated exceptional leadership by guiding the team through technical hurdles in competitive robotics, fostering an environment that encouraged creative problem-solving

PERSONAL PROJECTS

Donatti.Co | *TypeScript, JavaScript, Node.js, Docker, Shell, Git* September 2023 – Present
- Established Donatti.Co as a software solutions provider specializing in serving businesses in Mexico
- Developed custom software solutions tailored to client needs, utilizing TypeScript, JavaScript for frontend, Node.js for backend, Docker for DevOps, and Git for version control, alongside other tools as necessary. This approach facilitated efficient project execution and yielded high-quality outcomes."
- Consistently delivered high-quality, reliable, and cost-effective software solutions, resulting in measurable business growth and achievement of organizational goals. Demonstrated track record of completing projects on time and within budget, leading to increased client satisfaction and retention rates

Aleks Solutions | *Python, Django, SQLite, AWS* *February 2021 - August 2022*
- Founded and administered a profitable math consulting business, organizing a network of ten+ tutors and implementing fee-based services. Achieved a 20% increase in customer grades, directly contributing to business profitability and scalability
- Constructed a comprehensive management platform using the Django framework, with SQLite for database management and AWS for hosting, to organize schedules, tutor information, and payments, ensuring efficient operations and efficient business processes

Fresh Food | *JavaScript, Firebase* *February 2019 - September 2021*
- Initiated a successful organic vegetable delivery business through effective communication and relationship-building with local greenhouses. Proficient in project management and strategic planning
- Developed and deployed a custom application using JavaScript and Firebase to streamline business operations, simplifying the management of orders, inventory, and customer information
- Strategically optimized supply chain logistics by analyzing variables such as department traffic, delivery times, and clients per route, resulting in improved profitability, shorter delivery times and a 40% reduction in delivery costs

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, TypeScript, Python, Java, HTML/CSS, SQL
Frameworks / Platforms: Docker, React, Node.js, Django, Tailwind CSS
Databases / Hosting: AWS, Firebase, MySQL, Vercel