

Oscar Sanchez-Huezca

Chicago, IL | oscarssanchezhuezca@gmail.com | +1 (248) 378-7704 | linkedin.com/in/oscarssanchezhuezca | oscarssanchezhuezca.com

PROFESSIONAL SUMMARY

Software Engineer, Data Scientist, and Consultant with experience across full-stack development, machine learning, and data-driven problem solving. Work spans healthcare, automotive, and sports domains, building applications and analytical tools that translate complex data into actionable decisions. Combines technical depth with the communication skills across multiple languages to work directly with stakeholders at any level

EDUCATION AND CERTIFICATIONS

Bachelor of Science, Software Engineering and Data Science <i>Loyola University Chicago</i>	<i>May 2026</i> <i>Chicago, IL</i>
Certified Program in Football Data Analytics <i>Escuela Universitaria Real Madrid, Universidad Europea de Madrid</i>	<i>Jun - Aug 2024</i>
Google Data Analytics Professional Certificate <i>Google</i>	<i>Jun 2025</i>

EXPERIENCE

IT Services and Software Solutions Specialist <i>City North Physical Therapy</i>	<i>Jun 2025 - Present</i> <i>Chicago, IL</i>
- Designed and maintained a secure patient data management system serving ~50 staff across 7 clinics, reducing administrative workload by ~1 hour per day. - Analyzed clinic appointment records to identify no-show trends and presented data-backed recommendations for reducing appointment no-shows to clinic leadership. - Evaluated and researched workflow solutions and advised on adoption strategies to improve operational efficiency across clinic locations.	
Software Engineering Intern <i>BCS Automotive Interface Solutions</i>	<i>Jun 2023 - Aug 2024</i> <i>Farmington Hills, MI</i>
- Led software development for a Haptic Feedback Device Testing Project designed to boost product sales, coordinating with engineers across international teams and presenting to global engineering managers. - Collaborated with Testing and Laboratory teams to design and implement a SQL database cataloging all materials and components across the warehouse and engineering testing center. - Engineered a Python data-validation tool that scans high-volume BOM datasets, reducing manual review time by ~70% through the automated detection of incomplete records and duplicate components.	

PROJECTS

Premier League Analytics Application

- Led the Agile full-stack development of an analytics application delivering match data, historical stats, and match win % probabilities for every Premier League club over 20 seasons, with the forecasting model achieving 70% accuracy

Fine-Tuned Chatbot Model

- Trained and deployed a Deepseek chatbot model fine-tuned with LoRA and Hugging Face, achieving 200%+ gains in response length, accuracy, and speed.

Academic Planning Application- Plan B

- Led development and communication for an algorithm and planning tool for all majors to guide students toward viable alternative degree paths based on credit hours in collaboration with the office of the Assistant Dean of Loyola's College of Arts and Sciences.

SKILLS

Languages: English, Spanish, French, Italian, Python, SQL, JavaScript, C++, C#, Java, HTML, CSS, React

Data Science and Machine Learning: Scikit-learn, PyTorch, LoRA Fine-Tuning, Statistical Modeling, Predictive Modeling, Data Visualization, Tableau, Power BI

Frameworks and Tools: Flask, Docker, Linux, Vercel, Hugging Face, Excel

Consulting and Analytics: Stakeholder Communication, Workflow Analysis, Process Optimization, Data-Driven Decision Making, Project Leadership and Development, Project Management