

# Joel Picazo

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Portfolio: jp-portfolio-kappa.vercel.app ◊ LinkedIn: linkedin.com/in/joel-picazo-60748a242

## SUMMARY

Data Analyst and Software Developer with expertise in Python and C/C++, and a foundational knowledge of JavaScript. Completed all academic requirements for a Master's degree in Computer Science, specializing in Optimization and Heuristic Algorithms. Adept at solving complex problems and building efficient software solutions. Passionate about leveraging data-driven insights and optimization techniques to develop innovative solutions in collaborative environments.

## EDUCATION

<b>Center for Research and Advanced Studies (CINVESTAV)</b> <i>Master of Science (MS): Computer Science and Engineering</i>	<b>Victoria, Tamaulipas</b> <i>August 2023 - September 2025</i>
<b>University of Monterrey (UDEM)</b> <i>Bachelor of Science: Mechatronics Engineering</i>	<b>Monterrey, Nuevo Leon</b> <i>August 2018 - June 2022</i>

## EXPERIENCE

<b>Electoral Institute of Tamaulipas (IETAM)</b> <i>Data Entry Clerk</i>	<b>Victoria, Tamaulipas</b> <i>April 2024 - June 2024</i>
<ul style="list-style-type: none"><li>• Accurately digitized and processed critical election data under strict confidentiality and time constraints.</li><li>• Contributed to the integrity of electoral processes by validating and capturing voter and candidate information with 100% compliance to data standards.</li><li>• Assisted in quality assurance checks to prevent errors in large amounts of data used during the state elections.</li></ul>	
<b>CNC Soluciones S.A. de C.V.</b> <i>Service Engineer</i>	<b>Monterrey, Nuevo Leon</b> <i>November 2022 - March 2023</i>
<ul style="list-style-type: none"><li>• Delivered high-quality technical support and engineering services for CNC (Computer Numerical Control) equipment, ensuring operational continuity and client satisfaction.</li><li>• Diagnosed software, mechanical, and electronic issues in CNC machines, implementing solutions that minimized production downtime.</li></ul>	
<b>Polytechnic High School of Santa Catarina</b> <i>Professor of Differential Calculus</i>	<b>Santa Catarina, Nuevo Leon</b> <i>January 2020 - June 2020</i>
<ul style="list-style-type: none"><li>• Designed and delivered comprehensive lessons on differential calculus to senior high school students, emphasizing conceptual understanding and problem-solving.</li><li>• Adapted teaching methods to meet the needs of diverse learners during a semester of social service.</li><li>• Promoted mathematical thinking and academic integrity through assessments and continuous support.</li></ul>	

## SKILLS

<b>Programming Languages</b>	Python, C/C++, Matlab, Arduino, JavaScript, Java (basic)
<b>Web &amp; Data Frameworks</b>	Flask, Pandas, NumPy, Matplotlib, React, Tailwind
<b>Parallel &amp; HPC Tools</b>	Pthreads, MPI, OpenMP
<b>Databases</b>	SQL (Big Query)
<b>Tools &amp; Platforms</b>	Docker, Git/Github, Linux, Trello, Microsoft Office, Power BI (basic)
<b>CAD/Engineering Software</b>	Nx Siemens, TIA Portal, ZW3D, Packet Tracer

## CERTIFICATIONS

<b>2025</b>	Agile Project Management – Google/Coursera	<a href="#">View Certificate</a>
<b>2025</b>	Data Analytics – Google/Coursera	(In Progress)