DANIELA ISABEL URREA PARTIDA

danielaurrea1112@gmail.com **|** +52 686 116 7838 **|** LinkedIn: [Daniela Urrea](#)

EDUCATION

CETYS Universidad — Mexicali, Mexico
BSc. Computer Science Engineering (GPA: 99/100) — *Aug 2020 — Jun 2024*
- Dean's honorable mention recipient: Sole recipient from the Computer Science class of 2020 – 2024
- Graduated Summa Cum Laude with highest honors
- Recipient of the CETYS Academic Excellence Scholarship: Only three awardees in 2020
- Earned Medal of Honor: Only student awardee in the Computer Science class for the 2020 – 2021 academic year

City University of Seattle — Seattle, USA
Bachelor of Arts in Management (GPA: 3.9/4.0) — *Jan 2022 — Jun 2024*
- Graduated Summa Cum Laude with highest honors
- Earned Dean's List 2022, 2023 & 2024 recognition for academic excellence

WORK EXPERIENCE

Skyworks — *Mexicali, Mexico*
Software Developer Part-time — *Dec 2022 — Jun 2024*
- Designed and developed webpages using C# and ASP.NET, enhancing IT process automation; managed production databases, and created optimized SQL queries
- Enhanced security by providing user-focused services, including account creation and access management
- Collaborated on redesigning Skyworks's Time Management System (TMS), a tool used to optimize equipment performance across five areas. Proposed automations, SEMI E10 integration, and a standardized interface to boost efficiency by 30%, cut manual effort by 20%, and enhance user satisfaction

Software Developer Intern — *Oct 2022 — Dec 2022*
- Developed dynamic webpages using PHP, CSS, HTML, and JavaScript to automate and streamline processes for the Test Engineering team

RESEARCH EXPERIENCE

Universidad Autónoma de Baja California — *Mexicali, Mexico*
Front-End Developer Apprenticeship — *Feb 2024 — Jun 2024*
- Developed the web interface for the ESP32 CSI Web Collecting Tool, assisting master's students with their research project on collecting Wi-Fi Channel State Information (CSI) data
- Contributed to the project's patent application with the Mexican Institute of Industrial Property (IMPI) and its intellectual property protection with the National Copyright Institute (INDAUTOR)

RELEVANT PROJECTS

- **Cancer Survival Prediction Model.** Spearheaded a predictive model for cancer patient survival using Python and machine learning, achieving 83% accuracy for non-survivors and 90% for survivors with a Random Forest model tuned via GridSearch CV
- **Route Optimization Program for French Cities.** Engineered a route optimization program using C#, SQL, and Dijkstra's algorithm, creating an efficient navigation system for French cities

TECHNICAL SKILLS

- **Programming Languages:** Proficient in C#, Java, JavaScript, C++, Python, HTML, SQL
- **Frameworks:** React, Node.js, NET, Spring
- **Developer Tools:** Git, VS Code, Azure DevOps Services, Visual Studio, PyCharm, IntelliJ, Eclipse, Postman API.
- **Libraries:** pandas, NumPy, Matplotlib, TensorFlow

LEADERSHIP, RECOGNITIONS & AWARDS

- Selected as one of 25 out of 7,000 applicants for the fully-funded 2024 "Santander Future Builders Trep Camp Experience Scholarship" in New York
- Achieved 2nd place at the CETYS University Art Biennial Life contest for the 2021-2022 period
- Won the Global Honeywell Student Automotive Design Challenge (SADC) competition in 2015

LANGUAGES: Spanish (Native), English (Fluent - TOEFL iBT 98/120), French (Beginner)