

# Oscar Mario Fernández Jiménez

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## SUMMARY

Highly motivated Computer Science graduate from Universidad de Costa Rica with strong programming and problem-solving skills. Proficient in Python, C++, and C#, with hands-on experience in both front-end and back-end development, including HTML, CSS, SQL, and NoSQL databases. Skilled in version control with Git, collaborative workflows, and Agile methodologies such as SCRUM. Focused on building high-quality, efficient solutions and committed to continuous learning, innovation, and teamwork.

## SKILLS

- **Programming Languages:** C | C++ | C# | Python | R | Java | JavaScript
- **Development:** Backend | Frontend | Full Stack | Rest APIs | .Net
- **Databases & Analytics :** MySQL | MongoDB | Neo4j | Redis | Spark | SSIS | Power BI | Hadoop
- **Soft Skills:** Teamwork | Strong Communication Skills | Problem-Solving | Leadership | Time Management
- **Languages:** Spanish: Native | English: C1 | Portuguese: B2

## EXPERIENCE

### Data Analyst - Community Service

Universidad de Costa Rica

Nov 2023 - Nov 2024

San José, Costa Rica

- Processed student performance data to assess lesson effectiveness.
- Developed data-driven materials, increasing engagement by 25%.
- Used statistical analysis and visualization to identify trends.

### Technical Support Specialist

Robert Bosch GmbH

Oct 2020 - Dec 2020

Heredia, Costa Rica

- Diagnosed and resolved 100+ camera-related technical issues, ensuring 95%+ optimal functionality.
- Provided real-time technical support to 50+ customers via phone, reducing resolution times by 10%.
- Received specialized training in CCTV systems, enhancing expertise in security camera troubleshooting.
- Conducted system maintenance and optimized network infrastructures for better performance.

### Technical Support Specialist

Servicios Ecológicos M.B.B. S.A

Sep 2019 - Oct 2019

San José, Costa Rica

- Developed and maintained relational and non-relational databases, improving data accessibility.
- Performed system maintenance and optimization, enhancing overall computer performance.
- Designed and implemented network topologies to improve communication and efficiency.

## EDUCATION

### Universidad de Costa Rica (UCR)

Bachelor of Science in Computer Science (GPA: 9.1/10)

Mar 2021 - Dec 2024

San José, Costa Rica

### Colegio Técnico de Santa Ana

Technical Degree in Networking (GPA: 9.6/10)

Feb 2018 - Dec 2020

San José, Costa Rica

## PROJECTS

### Python-to-C++ Transpiler

Aug 2024 - Dec 2024

- Developed a transpiler that converts Python code into optimized C++ code using PLY for lexical and syntax analysis.
- This project enhances performance and bridges high-level scripting with low-level efficiency.

### Concurrent Web Handling Server

Jan 2023 - Feb 2023

- Implemented a high-performance web server capable of handling multiple concurrent requests using asynchronous I/O and multithreading.