

Luis Rosales

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OBJECTIVE

To obtain a software developer position within a company that values resourceful developers, I will use my skills to enhance data analysis, observability, and a better understanding of human-computer interaction. I wish to work with a diverse team that works towards a positive impact by contributing to the company's vision and goals.

EDUCATION

Northeastern Illinois University, Chicago IL **Graduation Dec 2022**
B.S. Computer Science Information Technology

- **GPA: 3.85; Dean's List (3 semesters)**

Northwestern University, Chicago, IL **May 2018**
Full Stack Coding Boot Camp Certificate

SKILLS

- **Programming Languages:** Java, Python, JavaScript, MySQL, SQL, HTML, Cascading Style Sheets CSS.
- **Skills:** Git, GitHub, Agile, Spring Boot, Reactive Java, JUnit, TDD, Insomnia, Jenkins, Concourse.

EXPERIENCE: HCSC Blue Cross Blue Shield of Illinois

ASSOCIATE DEVELOPER **August 2022-Present**

- Member of the Service Layer Team - microservices, learning tools, and frameworks to optimize CI/CD.

ORACLE Certified: Associate Oracle Cloud Data Management Foundations 2023
[Certification Verification Link](#)

EXPERIENCE: ACADEMIC

Research at Transportation Security Administration (TSA) – Springfield, VA **December 2021-March 2022**

- **Stratified Random Sampling and Optimization (JavaScript):** Created a user interface to upload essential data files to implement optimization components of prioritization and sampling tools.
 - Cleaned, preprocessed, and analyzed datasets with JavaScript Aggregate Array Methods.
 - I have successfully implemented stratified sampling tools in JS to avoid spreadsheet version conflicts.
 - I presented three Data Visualizations Options from the data-driven analysis.
 - [Link to mentor's LOR.](#)

Research at Northeastern Illinois University – Chicago, IL **June 2021-December 2021**

- **Course Recommender System (Python):** Participated in a team that developed an automated course recommender system for new CS students to select courses for the following semester.
 - [Link to Research Publication.](#)

Research at Northeastern Illinois University – Chicago, IL **June 2020-May 2021**

- **Cyberbullying detection (Python):** Collaborated with two teams using different machine learning methods.
 - [Link to Research Publication \(Acknowledged contribution\).](#)

Java Peer Leader **September 2020-December 2021**

- Hold workshops for students to reinforce core Java Programming concepts for courses level one and two.

Computer Science Tutor and Data Structures Course HW Grader **May 2021-December 2021**

- I collaborated with the tutor's team to implement different strategies for students to review lecture materials and encourage problem-solving.

LEADERSHIP DEVELOPMENT

Google Developer Student Clubs **August 2021-Present**
Software Lead-Team Officer

- My role was to promote Google Cloud Learning and other professional certifications to increase the competitive advantage of NEIU CS students beyond graduation.