

LUIS ROSALES

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Software Developer with a diverse industry background and a strong passion for problem solving. Team player with experience in all stages of software development.

EXPERIENCE

MAY 2020 – PRESENT

STUDENT RESEARCHER USING PYTHON, NORTHEASTERN UNIVERSITY SCSE

Currently collaborating in developing an automated course enrollment recommender system with SGD. Also, developed a machine learning algorithm to identify mislabeled data in a cyberbullying YouTube dataset. Naïve Bayes and SVM.

AUGUST 2020 – PRESENT

COMPUTER SCIENCE TUTOR

PEER LEADER FOR PROGRAMMING I AND II JAVA,

NORTHEASTERN UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE

Facilitate workshop sessions leading students to engage in the analysis and resolution of problems relevant to what was covered in their regular classes. Reinforce standard programming concepts.

MAY 2018 – PRESENT

WEB DEVELOPER, FREELANCE

Provide consulting in web-development and related software services.

DECEMBER 2012 – DECEMBER 2017

PROFESSIONAL CHAUFFER LICENSEE, SELF EMPLOYED

Limousine driver

JANUARY 2001 – DECEMBER 2012

MORTGAGE BROKER, AMERICAN FINANCIAL GROUP

Originated mortgage loans with the highest standards of personal data integrity and security. Emphasized on fiduciary duties to my clients and preferred lenders.

JANUARY 2005 – DECEMBER 2012

REAL ESTATE AGENT AND JR. REAL ESTATE APPRAISER, SOCIO REAL ESTATE

Helped secure homeowner's privacy through title companies to establish trusts. Consulted on residential real estate having the combined knowledge to guide homebuyers and homeowners in buying or selling at fair market values. Helped first time homebuyers who needed guidance and access to down payment assistance programs.

EDUCATION

AUGUST 2019 – EXPECTED GRADUATION SPRING 2022

BACHELOR OF SCIENCE IN COMPUTER SCIENCE IT, NORTHEASTERN UNIVERSITY

Successfully completed programming I, II, Data Structures, Spring Boot, Intro to Design of Algorithms (Java & Python) among many other CS related courses. Current GPA 3.6.

MAY 2018

FULL STACK CODING BOOT CAMP, NORTHWESTERN UNIVERSITY

Participated in Intensive six-month program that covered both the theory and application of full stack web development. The curriculum followed the **MERN** stack, and students gain experience necessary to work both individually and as part of a team. Projects were presented formally with live demonstrations.

CURRENTLY PURSUING

SECURITY + CERTIFICATION, COMPTIA

SKILLS

- Java, Python, and JavaScript experience
- HTML5, CSS3, jQuery, Bootstrap
- Express.js, Node.js
- MongoDB, Mongoose, MySQL, Sequelize
- Database ORMs for server communication
- Use of HTTP methods for CRUD
- MVC design pattern
- Test Driven Development in JS, Java
- Computational Biology Python
- Classification data analysis Python

COLLOQUIA

Poster presentations for SACNAS and NEIU Symposium

1. A machine learning algorithmic approach to identifying mislabeled data in a cyberbullying YouTube dataset. Luis Rosales¹, Akshit Gupta¹, Chris Gomez¹, Rachel E. Trana¹, Marcelo O. Sztainberg¹. 2020 SACNAS The National Diversity in STEM Conference, Virtual, October 19 - 24