Edson Trejo Hernandez
Computer Science

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TECHNICAL SKILLS

Operating Systems
Windows, Linux, macOS, Unix

Software
IntelliJ, XCode, Visual Studio, NetBeans, SQL developer, GitHub, Eclipse, Microsoft Office

Programming Languages
Java, MATLAB, C, C++, Python, HTML, CSS, JavaScript, C# PHP, SQL, Ruby, Swift. Angular

Knowledgeable
XCode
Jupyter Notebook
Computer Networks
SQL Databases
Digital Systems
Web Design
Circuit Analysis
Photoshop CSS
Dreamweaver CSS
Object Oriented Design
Agile Software Development
SCRUM Soft. Development
Systems Design
Computer Architecture
Finite State Machines

AWARDS
Profiles in Excellence at UTRGV
President's List
Spring 2017, Fall 2017
Dean's List
Fall 2016

COMMUNITY SERVICE
Educational Community Service
Hours: 30+

OBJECTIVE

- Seeking a full-time position as a software/web/app developer or hardware/electronics engineer, in a company that will allow personal and professional growth, and to enhance and heighten the skills and experience gained through my educational career.

SUMMARY OF QUALIFICATIONS

- **Leadership**: A High experience at organizing projects, defining project priorities, and delegating tasks while managing the developing team.
- **Communication:** Fluent in English and Spanish. Great verbal and written skills. Basic French
- **Team work:** Excellent at working effectively in a group development environment. Ability to work with geographically distributed engineering teams.
- **Personal:** Self-learner with strong critical thinking and problem-solving skills. Strong interpersonal and time-management skills.

EDUCATION

The University of Texas Rio Grande Valley   Fall 2020
    Master of Science in Computer Engineering

The University of Texas Rio Grande Valley   December 2018
    Bachelor of Science in Computer Science   GPA: 3.51

PROFESSIONAL EXPERIENCE

- **Engineering Intern–** Panasonic Automotive Systems of America   Aug 2019—Apr 2020
  - Analyze complex data to find common trends and patterns to help in making more informed decisions.
  - Collecting data from various sources, cleaning it to ensure accuracy and using various data models and algorithms to analyze the data.
  - Use data visualizations techniques to convey the findings to company officials.
- **Web Developer –** UTRGV   May 2016 – June 2019
  - Top-notch programming skills and in-depth knowledge of modern HTML/CSS/Angular.
  - A solid understanding of how web applications work including security, session management, and best development practices.
  - Strong organizational skills to juggle multiple tasks within the constraints of timelines.
  - Work and thrive in a fast-paced environment, learn rapidly and master diverse web technologies and techniques.

RESEARCH AND DEVELOPMENT (University of Texas Rio Grande Valley)

(Senior Project) – Tourist Info for South Padre Island   Fall 2018
  - Developing an iOS 12 app compatible with any apple device such as iPhone, iPod or iPad graphic editor software in XCode App designed for tourist purposes. Languages used: Swift
  - Advisors: Mr. Bari Siddique, Dr. Khan

PROJECTS - (University of Texas Rio Grande Valley)

Netflix dataset prediction – Data Engineer   Spring 2019
  - Developed a software to classify millions of data to make predictions and show interactive graphs. KNN and k-means algorithms are implemented. Languages used: Python, and HTML

Healthy Vaq App – Software Engineering I   Fall 2017
  - Developed an app to become a healthy person by tracking daily food & exercise including some indoor-outdoor activities recommendations depending on the user's weight and availability. Languages used: Java FX and SQL

UTRGV Student Web App – Object-Oriented Programming in C#   Fall 2017
  - Developed a Web app (localhost) to store student's photo and personal info on a file. Languages used: C# and CSS

CERTIFICATIONS

Oracle Database 12c SQL (1Z0-071) Certification Course	Present
Swift Level 1/ Swift Level 2	2018
CCA: MySQL	2018
Photoshop CSS Certification Course	2017

ORGANIZATIONS

Society of Hispanic Professional Engineers (SHPE)	2018
Honor Society	2017

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