Raul Martinez Jr.

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CAREER OBJECTIVE

Seeking an entry-level position in an engineering environment to use my knowledge and skills proprietary to my career.

SUMMARY OF QUALIFICATION

• Familiar with the construction and design in computer hardware.
• Able to design intergrated circuits using VLSI Cadence and testing with LVS and other embedded softwares
• Familiar with the GUI in the Java environment
• Able to code and design alorgithms and data structures using C++
• Able to code in C using the Linux environment
• Able to implement a web site using HTML5, CSS3, Javascipt, Ruby, and Bootstrap
• Familiar with the NERC Compliance
• Certified in designing and building graphics using Adobe Photoshop CS6 and Dreamweaver CS6
• Developed extensive proficiency in mentoring students using sohpisticated programs on computers
• Able to create databases using Microsoft Access and implementing towards a Java GUI class
• Able to work with different operating systems such as macOS, Windows, and Linux
• Able to adapt to any type of setting including programming teams and higher adminstration groups
• Able to work under pressure and submit projects on time
• Fluent in writing and speaking Spanish

EDUCATION

The University of Texas Rio Grande Valley   GPA: 3.36   Brownsville, Texas
Bachelor of Science in Computer Engineering   Exp Graduation: December 2018

ACTIVITIES AND HONORS

• Summer College Intern Project - NERC Compliance Web Application   Summer 2018
  Designed a site that is easily manageable by NERC certified employees withinn the department
  Programmed the application to run on Ruby on Rails and Windows Server 2016
  Programmed an SQL database to store data and be filtered using community gems
  Worked in a team to develop ideas and program the application with given deadlines

• Computer Engineering Senior Project - E-Board (Electric Skateboard)   Spring 2018
  Designed a drivable electric component modular to any common skateboard
  Designed an iOS application able to control variable speed and detect current speed (MPH)
  Worked in a team of two to analyze problems and discover solutions
  Managed the software development perspective of the project (iOS application and microcontroller)

• Official UTRGV Student Government Association Handbook - Author   Spring 2018
  Designed and developed an official handbook for the UTRGV Student Government Association
  Organized and wrote pages of the handbook in reference to professionalism and personal relations
  Managed a team of six individuals to work efficiently and gather data from administration

- Association of Computing Machinery at UTRGV   2017 — 2018
  Provide aid within studies to students in the Computer Science and Computer Engineering field
  Program and manage an ogranization in professionalism and leadership

- UTRGV Student Government Association - Secretary of Communications   2016 — 2018
  Have close relations to executive adminstration and relate to marketing materials
  Have clear connections towards university marketing and adminsitration team
  Implement new initiatives that will better the ogranization and the university
  Work as team to develop new ideas to aid the student body

- UTRGV Parking and Transportation Committee - Student Representative   2016 — 2017
  Speak in behalf of the student body regarding parking and shuttle transportation
  Approve or deny campus wide initiatives to aid students
  Implement new initiatives that would aid the student body

- International Travel Grant - Study Abroad   Spring 2018
- Gilman Scholarship - Study Abroad   Spring 2018
- Google Travel Grant - SREcon Conference 2018 at Santa Clara, California   Spring 2018
- UTRGV Excellence Scholarship   2015 — 2016
- UTRGV Engineering Scholarship   Fall 2015
- UTRGV President's List / Dean's List   2015 — Present

EXPERIENCE

Brownsville Public Utilities Board - College Intern – Brownsville, TX   May 2018 – August 2018
- Work in a team to develop an internal web application
- Designed the front end of the web applictation using modern web standards
- Expand programming skills in Ruby on Rails to implement the the back-end and front-end of the site
- Work with NERC (National Electric Reliability Corperation) to understand and program vital information

UTRGV - Graphic Designer – RGV, TX   December 2015 – March 2018
- Created logos, flyers, posters, and advertisements for two University Campuses
- Able to travel campuses for team and administration projects
- Generate positive results for on-time projects and use modern design layouts for current businesses
- Expand communication skills with higher administration and group conversations regarding multiple discussi

Castle A/C Equipment and Repairs - Graphic Designer – San Benito, TX   May 2015 – August 2015
- Able to boost advertisements and manage company websites
- Generate positive results by increasing profitability using current marketing techniques
- Introduce more sales and profit to the company and prepare spreadsheets of item inventory using Excel