

RAUL CHAVEZ

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Cary, North Carolina

EDUCATION

Elon University, Elon, North Carolina

Bachelor of Science in Computer Science

Minors: Business Administration and Data Science

May 2024

GPA: 3.38

TECHNICAL SKILLS & LANGUAGES

Coding: C/C++, Java, x86 assembly, C#, PHP, Javascript, HTML, CSS, SML, Ruby, Perl, Python

Technologies/Environment: Win32 API/GUI, Linux, MySQL, OpenGL, ASP.NET, Windows

Language: Spanish (fluent)

TECHNICAL EXPERIENCE

U.S. EPA – Office of Air Quality Planning and Standards (OAQPS), RTP, NC

IT Specialist Intern

Summer 2023

- Assisted in revamping of Air Quality System (AQS) User’s Guide using Python to automate simple coding processes resulting in faster handling of storage and retrieval of information
- Converted records from Excel to Oracle database software to enable records compatibility with AQS
- Provided feedback for AQS administrators regarding debugging code in exiting AQS batch load processes troubleshooting Java and browser issues and assisting project team members
- Tested Air Quality Profile website UI for usability and structure; assisted fellow interns with GIS (ArcMap)

Computer Specialist Intern

Summer 2022

- Developed training course pilot covering AQS Transaction Formats that showed data providers how to assemble individual transactions prior to upload
- Collaborated with National Air Data Group to upgrade the AQS Data Mart and its capabilities; developed complex graphs and detailed reports to generate better analysis of data
- Administered operational support for AQS using both Java and Oracle while resolving data issues that required collaborating with local and state agencies throughout the United States
- Received professional training on development of detailed, searchable spreadsheets, sound/animation, & databases in Microsoft Office Suite resulting in increased efficiency in developing training materials

Elon Campus Technology Support, Elon University, Elon, NC

Service Desk Assistant

Fall 2021-Spring 2022

- Provided technical assistance to users by researching solutions and troubleshooting basic technical issues or escalating tickets to proper IT personnel
- Assisted in upkeep of technical equipment campus-wide by inspecting all classrooms and offices to identify operational issues, fix problems, or order new equipment within budget

OTHER WORK EXPERIENCE

Elon University El Centro de Español, Elon, NC

Spring 2021-Present

Peer Educator

- Expanded resources in the Center for Race, Ethnicity. & Diversity Education (CREDE) by researching materials related to race, ethnicity, identity and social justice and/or language and cultures of LatinX-Hispanic populations around the world

EXTRACURRICULAR ACTIVITIES

- *Division 1A College Football Student-Athlete:* Starting Outside Linebacker all 4 years
- *Fellowship of Christian Athletes,* Elon Football Team Fellowship, Athletes Connect Bible Study Member
- *Latinx-Hispanic Union*

Volunteer Activities & Outreach: Ecuador Mission Tri | Community of Hope | Meals-on-Wheels | Phoenix Fun-Day | Youth Football Camp | Habitat for Humanity