

Juan Rios Jr.

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Recent bilingual graduate with a Bachelor's Degree in Computer Science seeking a job as a software developer. Dedicated to joining an established company to put my communication and problem-solving skills to good use.

EDUCATION

Bachelor of Science in Computer Science, Minor in Spanish

June 2024

University of Oregon

Eugene, OR

Relevant Coursework: Applied Cryptography, Computer Networks, Computer & Network Security, Data Structures & Algorithms, Game Programming, Operating Systems, Secure Software Development, Systems & Security Administration

Activities: UO Cybersecurity Club, UO Eugene Luks Programming Competition Spring 2022

TECHNOLOGIES AND LANGUAGES

Languages: Python, C, C#, JavaScript, HTML/CSS

Technologies: .NET, Blazor, Spring Boot, Unity 3D, SQL, Git

Other: OOP, Unit Testing

PROJECTS

Attack of the Lorax: Paul Bunyan's Last Stand | C#, Unity 3D, Git

- Collaborated with a team of 4 to develop a 3D wave-defense game featuring the Lorax and his critters.
- Implemented core game mechanics, including an inventory system, an enemy-wave spawner, and sound design.
- Participated in regular playtesting sessions and code reviews, identifying and resolving over 5 gameplay friction points, resulting in a 20% increase in user engagement.

CanvasPlusPlus | JavaScript, HTML, CSS, Git

- Co-developed with 4 classmates a Chrome extension with Canvas API integration.
- Implemented CORS Anywhere proxy to enable secure data retrieval from the Canvas server, enhancing data accessibility and reducing manual data handling time by 20%, improving workflow efficiency.
- Co-authored various technical documentation (User/Programmer Documentation, Installation Instructions).
- Interviewed 2 students for suggested features and feedback on the extension.

Packet Driver | C, UNIX

- Developed a basic packet driver to demonstrate multiplexing and demultiplexing of network packets.
- Utilized pthreads, mutexes, and condition variables to enable concurrent packet management.
- Demonstrated the capability to analyze preexisting code to implement a custom packet driver.

WORK EXPERIENCE

IT Support Student Technician

Feb. 2023 - Present

University of Oregon Information Services

Eugene, OR

- Collaboratively resolved an average of 20 weekly tickets with the TeamDynamix ticketing system, significantly improving patron satisfaction.
- Imaged, configured, and set up 50+ Apple and Windows workstations, ensuring seamless integration with UO management tools such as Active Directory, MECM, and JAMF.
- Ensured comprehensive support and maintenance for all department public workstations, printers, and scanners; reduced downtime by 10% and improved user satisfaction scores by 15%.
- Offered desktop support to patrons through basic hardware replacement, software installations, and upgrades.

DoorDash Driver

July 2021 - June 2022

Independent Contractor

Medford, OR

- Managed time effectively to complete over 1,200 food deliveries in a safe and timely manner.
- Demonstrated professional conduct and communication with clients to deliver quality customer service; earned a customer rating of over 4.5.
- Maintained a functional vehicle by performing regular maintenance checks.