

# Alejandro Ruiz

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Recent graduate with industry exposure to software development and data analytics through internships. Seeking an opportunity to learn and apply technical skills in a fast-paced and challenging development team.

## Skills

- HTML | CSS | JavaScript | React | Tailwind CSS | Python | Java | PostgreSQL | C# | Flask | Django | .NET | Git | Figma
- Object Oriented Design | Agile Development | REST APIs | Relational Databases | UI/UX design | Photo & Video editing

## Experience

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|---|---------------------------------|------------------|--------------------------|
| <b>Software Developer, Intern</b>   | <b><u>Intel Corporation</u></b> | Hillsboro, OR    | <b>05/2022 – 08/2022</b> |
| <ul style="list-style-type: none"><li>• Worked closely with domain experts to capture and document software requirements to fulfill design needs.</li><li>• Debugged and extended functionality of widely used internal tool.</li><li>• Designed and implemented data analytics script in Python to analyze large data sets (up to hundreds of GBs).</li><li>• Extended capabilities of above scripts by integrating and utilizing an internal parallelization API.</li></ul>   |                                 |                  |                          |
| <b>Software Developer, Intern</b>   | <b><u>Nagnoi LLC</u></b>        | Remote           | <b>08/2020 – 12/2020</b> |
| <ul style="list-style-type: none"><li>• Collaborated in a team of three developers to design, develop, extend, and test core features for a new product.</li><li>• Applied OOP design principles to implement NCQA HEDIS compliant measures in .NET framework using C#.</li><li>• Developed REST API endpoints to query large data sets from a Relational DB to extract and analyze data.</li><li>• Followed test-driven approach to validate results by developing unit tests using xUnit.</li><li>• Documented REST API endpoints using Swagger UI.</li></ul> |                                 |                  |                          |
| <b>Cybersecurity Consultant, Intern</b>   | <b><u>ERM Protect</u></b>       | Coral Gables, FL | <b>05/2019 – 08/2019</b> |
| <ul style="list-style-type: none"><li>• Developed landing pages using HTML, CSS, and Bootstrap for email phishing campaigns.</li><li>• Performed penetration tests on client's Web Applications by intercepting and modifying HTTP requests.</li><li>• Practiced Digital Forensics by detecting Indicators of Compromise in client's compromised server files.</li></ul>  |                                 |                  |                          |

## Education

- |   |   |                                  |                          |
|---|---|----------------------------------|--------------------------|
| <b>Bachelor of Science</b>  | <b><u>University of Puerto Rico</u></b> | Mayaguez, PR                     | <b>08/2017 – 06/2023</b> |
| <ul style="list-style-type: none"><li>• Major in Software Engineering</li></ul> |   | Magna Cum Laude (GPA: 3.56/4.00) |                          |

## Projects

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|---|--------------------------|
| <b><u>Bloom</u></b> – Virtual Reality plant-care simulation (Capstone Project)  | <b>08/2022 – 12/2022</b> |
| <ul style="list-style-type: none"><li>• Worked closely with two team members to develop a plant caring simulator in Virtual Reality built in Unity using C#.</li><li>• Lead creative efforts such as: generating plant leaf textures using photo editing software, designing and 3D modeling plants using SpeedTree Modeler and Blender, building terrain and staging assets in garden scene.</li><li>• Enforced quality control by play testing project throughout development process using VR headset.</li></ul> |                          |
| <b><u>No Brim</u></b> – Simulated hat shop (Databases course)   | <b>01/2022 – 05/2022</b> |
| <ul style="list-style-type: none"><li>• Developed Back End controllers and REST API endpoints for querying a PostgreSQL DB using Python and Flask.</li><li>• Designed UI wireframes and UX flows for the Home and Cart pages using Figma.</li><li>• Implemented Front End functionality based on Figma wireframes using React, JavaScript, HTML and CSS.</li></ul>  |                          |

## Mentorship

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|--|-------------------------|--------------|------------------------------|
| <b>Technical Mentor</b>  | <b><u>HacksUPRM</u></b> | Mayaguez, PR | <b>07/2017 &amp; 07/2018</b> |
| <ul style="list-style-type: none"><li>• Managed two teams of two participants each (junior high school students) throughout their one-week mobile app development journey using MIT's App Inventor visual-scripting software.</li><li>• Assisted teams during brainstorm and debug sessions by providing feedback and helping them manage project expectations of features for the one-week timeframe.</li></ul> |                         |              |                              |