

Julio Steven Espinola-Rodas

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Education:

Central Washington University

Class of 2023 (June 2023)

- Bachelor of Science, Computer Science
- Mathematics Minor

South Seattle College

Class of 2020

- Associate Degree of Arts, Mathematics & Sciences

Technical Skills:

Computer Languages:

Java, Python, JavaScript, TypeScript, MySQL, C++, VB Sp.

Frameworks & Libraries:

HTML5, CSS, Bootstrap, React.js, Angular.js.

Software and Tools:

Git, GitHub, Visual Studio Code, Eclipse, Heroku, CL, VM, Wireshark, Azure DevOps, Dbeaver, GithubCopilot, Auth0.

Infrastructure:

AWS EC2 | S3, Terraform, Docker.

Awards:

Washington State Opportunity Scholarship – Received and maintained a STEM based scholarship.

PROJECTS

Receipt Reader – *React Native* | *Tesseract OCR* | *AWS EC2* | *Supabase* | *Docker*.

The Receipt Reader aims to streamline expense tracking by extracting key information from receipt images. It supports receipts from major stores like Walmart and Safeway, among others. The application also includes customizable budget-setting with overspending notifications and pie charts to display spending data.

uBelong Web App – *Java* | *React* | *Spring Boot* | *Heroku* | *PostgreSQL*

Developed uBelong web application during my ThoughtWorks internship to empower marginalized communities by providing community-driven features, accessible design, and centralized legal resources. Utilized Agile, TDD and OOD software development methodologies. [Github](#)

WORK EXPERIENCE

Software Developer Consultant (*ThoughtWorks*)

February 5th, 2024 – August 1st, 2024

- Contributed to the development of [Complain Manager](#), a React.js web application for complaint intake used by the Independent Police Monitor in New Orleans, as part of a team of 8 developers.
- Implemented new features, resolved bugs and enhanced code quality throughout the project life cycle.
- Designed and executed data migrations to seamlessly transition legacy data to a new schema, ensuring data integrity and continuity in production.

Software Developer 1 (*Tecolote Research*)

July 10th, 2023 – February 2nd, 2024

- Collaborated with a team of developers on the [EVM-CR](#), a .NET and Angular-based web application.
- Responsibilities included debugging, maintaining, and enhancing existing codebase to ensure optimal performance and user experience.
- Contributed to a Python-based web application to perform Contract Performance Datasets and Schedule Performance Datasets validation and analysis.

Freelance Web Developer (*Websio*)

January 2023 – present

- Responsible for maintaining Mi Centro's wordpress web application, a non-profit that provides social services to historically marginalized communities in the city of Tacoma, Washington.
- Responsible for collecting requirements, debugging, designing and implementing solutions.

Software Developer Intern (*ThoughtWorks*)

June 15th, 2021 – August 6th, 2021

- Designed and developed a web application to help members from historically marginalized communities to learn about their rights with 5 other developers in 6 weeks.
- Built application using Agile, test-driven development, and pair programming.

Wildcat Code Programmer (*CWU*)

Sept 2020 – June 2022

- Empowered 50+ students from historically marginalized communities by partnering with 5 schools to deliver custom CS curriculums using Microbits, Ozobots, and Code.org, bridging the digital divide and teaching fundamental concepts