

Julio Steven Espinola-Rodas

📍 Seattle, WA

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Technical Skills:

Computer Languages:

Java, Python, JavaScript.

Web Technologies:

HTML5/CSS, Bootstrap, React.

Operating Systems:

MacOS, Microsoft Windows.

Software and tools:

Git, Visual Studio Code, Eclipse, Android Studio

Awards:

Washington State Opportunity Scholarship recipient – Received and maintained a STEM based scholarship awarded to only 100 recipients in the entire state.

Leadership Experience:

Chair of South Seattle College Student and Activities Committee

– Oversaw the distribution of \$900,000 funds for activities promoting diversity, civic engagement, and the overall success of students on-campus.

Student body representative of South Seattle College Tenure Committee – Supervised tenure candidate with advice and decide the promotion for a tenure position.

Education:

Central Washington University

Class of 2022

- Bachelor of Science, Computer Science
- Mathematics Minor

South Seattle College

Class of 2020

- Associate Degree of Arts, Mathematics & Sciences

WORK EXPERIENCE

Innovation Jam Hackathon (*Hackworks Hackathons*)

April 5th, 2021 – April 23rd, 2021

- Participated as a Software Developer in a group of five members to develop an app that would help older adults to stay independent, keep treatable health issues in check and identify new risks early, sustained relationships with friends and family to maintain mental health.
- Assisted with the development of an Android App prototype by using Java, Android Studio and GCP.

Technical Attendant (*Multimodal Education Center*)

Sept 2020 –Present

- In charge of maintaining the CWU Online learning website
- Held workshops to teach students about the use of diverse academic software such as Canvas, and Blackboard Ultra, and Microsoft products.

Math Tutor (*Central Washington University TRIO*)

Sept 2019 – June 2020

- Teach precalculus and Calculus I to Trio members.

Hour of Code Facilitator (*South Seattle College Hour of Code*)

Sept 2019 – June 2020

- Helped students explore the basics of coding and programing by following an intro level Computer Science curriculum and introduce the students to external sources such as W3Schools, Udemy and CodeCademy.

PROJECTS

Personal Website – Developed personal portfolio to show more about myself and my personal projects. The portfolio was built with the use of HTML, CSS and JavaScript.

Snake Game - The Snake game is a fun interactive game. It was developed in python with the use of the Pygame extension library.

Calculator – The Calculator program was created in Java and is capable of computing mathematical operations such as addition, subtraction, division and multiplication.

Master Mind Game – The Master Mind Game is a fun interactive game that can be played with two people and consists of the recognition of color patterns. The game is over when either player guesses the correct color pattern or both players run out of their 4 given attempts. The game was built in python.

Distance Notifier – The Distance Notifier program helps to send an email to people indicating your distance and how long it would take for you to get to your destination. The program was built in Python and uses the Google Maps API as well as the Distance Matrix API to find the distance each destination.