Jorge **Salas**

SOFTWARE ENGINEER · COMPUTER SCIENCE AND DISCRETE MATH TUTOR · ELECTRONICS HOBBYIST

Winston-Salem, NC

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Skills

Electronics	WiFi Routers, Raspberry Pi, Arduino, Addressable LEDs, Motor Controllers
DevOps	Git, NGINX, Apache2, SSH, FTP
Back-end	Node.js, Express, JSON API, mySQL
Front-end	React, HTML5, CSS, JQuery, AJAX
Programming	JavaScript, PHP, Python, Java, C++, C, Bash, LaTeX, Scratch, Snap
Methodologies	OPP Paradigm, RWD Design
Operating Systems	Windows 10, macOS, Linux
Languages	English, Spanish

Work Experience

Qualitest *Greensboro, North Carolina*

SOFTWARE ENGINEER *Jul. 2022 - Jun. 2023*

- Worked remotely with a team of senior developers under an Agile Scrum environment.
- Designed automated tests, executed tests against software environment, and filed bug reports when actual results differed from expected
- Wrote automated tests to test API and other web services.
- Documented work history under user story tickets and attended standup meetings with colleagues.
- Coordinated assigned work with Git version control and Jira.
- Overall responsibility of the Software Engineer role is to find problems, think about problems, and solve problems.

Wyzant *REMOTE*

INDEPENDENT CONTRACTOR COMPUTER SCIENCE AND DISCRETE MATH TUTOR *Nov. 2019 - PRESENT*

- Same experience as my other tutoring position.

Varsity Tutors *REMOTE*

INDEPENDENT CONTRACTOR COMPUTER SCIENCE AND DISCRETE MATH TUTOR *Mar. 2019 - PRESENT*

- Provided assistance in Computer Science and Discrete Math for over 300 international clients from a variety of demographics on the online tutoring platform: varsitytutors.com.
- Worked in an environment that encouraged ongoing learning. Experienced in a variety of professional environments: Primary and Secondary Education, College, Coding Boot-Camps, and Professional level.
- Educator of Introduction to Computer Science for programming languages Java, C, C++, PHP, Python, JavaScript, Snap, and Scratch. Lectures are done on video calls through the online platform and content is managed on repl.it.
- Assisted in difficult Discrete Math and CS problems, enriched those topics by integrating the two. Practice is sometimes done through codewars.com.
- Understands the common weaknesses in current Computer Science curriculum's and improved student understanding by providing rare to find insight.
- Provided College and Career mentor-ship for students of all ages.

UNCG Computer Science Department *Greensboro, North Carolina*

INTRODUCTION TO COMPUTER SCIENCE (CSC - 130) LAB ASSISTANT *Jan. 2018 - May. 2018*

- Assisted CSC-130 students with issues with software and further questions on assignments.
- Proctored lab exams and provided advice for future courses.

Education

UNCG (University of North Carolina at Greensboro) *Greensboro, NC*

B.S. IN COMPUTER SCIENCE AND MINOR IN BIOLOGY *Aug. 2015 - Dec. 2020*

- Got a UNCG Guarantee Scholarship which is given to promising students of families with financial need.

ForsythTech (Forsyth Technical Community College) *Winston-Salem, NC*

ASSOCIATES IN ARTS *Aug. 2011 - May. 2015*

- The college was in partnership with Early College of Forsyth, I was working for my Associates while in High School during my enrollment.