

Johan Guzman

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EDUCATION

Bachelor's Degree in **Computer Science** | Current GPA: **3.81**
University of California, Riverside (UCR), Riverside, CA

Expected June 2021

SKILLS

- **Programming Languages:** C++, Python, C#, HTML, CSS, and Java
 - **Platforms:** Github and Windows
 - **Languages:** English and Spanish
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WORK & VOLUNTEER EXPERIENCE

Web Developer Internship, Olive Crest

September 2019 - present

- Works on assigned web application projects that include front-end (**HTML, JavaScript**) and back-end API work (**C#, LINQ**) using ASP.net web framework, Model-Controller-View design pattern, and relational databases using Microsoft SQL Server Management Studio

Elementary School Tutor, Magnolia Elementary School, Riverside, CA

January 2019 - April 2019

- Tutored 30 elementary schoolers on math and reading by maintaining a safe and interactive learning environment
- Improved the reading comprehension of 15 students with low reading levels by effectively inculcating reading habits
- Assisted the STEM after school team by teaching 20 students basic programming skills using **Python**

Community Service Volunteer, Habitat for Humanity, Riverside, CA

January 2015 - June 2017

- Improved the housing conditions of low-income communities in Riverside by operating landscaping work and painting of walls of houses in poor conditions with the help of other twenty volunteers
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PROJECTS

TIMI - Time Management Informer Website, [Github Repository](#)

August 2019

- Developed a website called TIMI, using **Django web-framework**, **Python** and Google APIs, that generates week summaries of users' time spent per event based on their Google Calendar schedules.
- Registered users can let TIMI generate summaries that are saved in a PostgreSQL database and can be accessed and deleted at any given time. Data gathered to generate a week summary is displayed in a table and in a colored-doughnut chart—this feature was achieved using chart.js library

ThErapy Screening, [Github Repository](#)

July 2019

- Developed a mobile Android app, using Android studio, that collects information from therapist's patients as well as their answers to a questionnaire, generates a report with the information gathered and sends the report to the therapist's email
- Learned how to use **Google's Firebase** APIs in order to implement the authentication functionality of the app that allows a therapist to sign in to the app with his/her Google account

Portfolio Website, [Github Repository](#)

June 2019

- Developed a portfolio website to present me, my passions, projects, and skills. Used **HTML** to structure the body of the website and **CSS** and **Bootstrap** to style and embellish it. [Link to website](#).

Metal Finder Robot, CS/EE 120B Intro to Embedded Systems Final Project, [Github Repository](#)

May 2019

- Developed a motorized, four-wheel robot capable to travel in a straight direction and detect small metal objects on its way. Components used include an ATmega microcontroller, DC motors, an ultrasonic sensor, and an inductive metal detector
 - Implemented the functionality of the robot using **Concurrent, synchronous state machines** and **C programming language** in order to make it behave intelligibly after detecting a metal object or a potential obstacle in front of it.
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HACKATHONS

RoseHack, Cameo Card Game

February 2019

- Worked with a team of 4 students in the development of a card game using Android Studio
 - Designed the user interface of the game using Android Studio tools and XML files
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HONORS & AWARDS

- UCR Dean's Honor List (3.5 GPA or better): Freshman year & Sophomore year