

Johan Guzman

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Education

Bachelors of Science, **Computer Science** | Current GPA: **3.85**
University of California, Riverside

Expected June 2021

Technical Skills

Programming Languages: C++ • Javascript • Typescript • Python • C#

Technologies: React • Material-UI • Vue • Bootstrap • Node.js • Express.js • MongoDB

Course Work: Algorithms and Data Structures • Software Engineering • Database Systems • Operating Systems

Work & Volunteer Experience

Web Developer, UCR's School of Public Policy, Riverside, CA, [Github](https://github.com/johan1505)

July 2020 - Present

- Used **Node.js**, **Express.js**, and **Docker** to develop a microservice that manages API endpoints that perform CRUD operations on a **mongoDB** collection of feedback and bug reports
- Designed and implemented multiple responsive user interfaces to submit, update, delete, and display feedback and bug reports using **Storybook**, **Typescript**, **React.js**, and **Material-UI**
- Leveraged **Jest** testing framework to verify the functionality of APIs and programmatically test UI components

Software Engineer Intern, Visa Virtual Experience, [Github](https://github.com/johan1505)

May 2020 - July 2020

- Worked in a team of 6 interns to develop a mobile application capable of processing contactless payments leveraging **NFC technology** and **Visa Direct APIs**
- Used **React-Native** and **Material-UI** to convert mock-ups into fully functional, responsive user interfaces
- Followed **agile** methodologies, collaborating with team members and mentors in idea grooming, reviewing project feasibility, and actively participating in daily scrum meetings.

BioHack Volunteer, UCR, Riverside, CA, [Website](https://www.biohack.org/)

December 2019 - February 2020

- Worked in a team of 4 students to develop a **React** single-page web application for UCR's 2020 BioHack
- Actively provided constructive feedback to team members on their code changes and pull requests

Web Developer Part-time Intern, Olive Crest, Riverside, CA

September 2019 - December 2019

- Used **Vue.js**, **Bootstrap**, **ASP.Net**, and **Microsoft SQL Server** to develop a module that lets admin users dynamically create, delete, and update announcements on the organization's portal website
- Integration of module led to a **55%** decrease on the sending of unnecessary emails and phone calls from internal workers to their managers

Relevant Projects

Mood Mixer, [Github](https://github.com/johan1505), [Website](https://moodmixer.herokuapp.com/)

December 2019

- Built a **React** application that automatically creates Spotify playlists with songs selected based on user's choice of moods and music genres
- Leveraged **Spotify Web API library** to create playlists, retrieve songs data, analyze songs, and populate playlists

TIMI - Time Management Informer, [Github](https://github.com/johan1505)

August 2019

- Used **Django**, **Bootstrap**, **Python**, and **Google APIs** to develop a web application that generates summaries of users' time spent per event based on their Google Calendar weekly schedules
- Integrated a **PostgresQL** database in order to store and retrieve summaries data