

Johan Guzman

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Education

Bachelors of Science, **Computer Science** | Current GPA: **3.86**
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 • Git • Github

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

Work & Volunteer Experience

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

July 2020 - October 2020

- Developed API endpoints that perform CRUD operations on a **mongoDB** collection of feedback and bug reports using **Typescript**, **Node.js**, and **Express.js**.
- Designed and implemented responsive user interfaces to submit, update, delete, and display feedback and bug reports using **Storybook**, **Typescript**, **React.js**, and **Material-UI**.
- Verified the functionality of APIs and programmatically tested UI components using **Jest** testing framework.

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 using **NFC** and **Visa Direct APIs**.
- Converted mock-ups into fully functional, responsive user interfaces using **React-Native** and **Material-UI**.
- Collaborated with UI/UX interns to verify mock-ups were feasible, efficient, and technically sound.
- 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 that presents information about UCR's 2020 BioHack, announcements, previous winners, and FAQs, event's sponsors.
- Used **Github** to manage code changes and provide constructive feedback to team members on pull requests.

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

September 2019 - December 2019

- Developed a full-stack module that lets admin users dynamically create, delete, and update announcements on the organization's portal website using **Vue.js**, **Bootstrap**, **ASP.Net**, **C#**, and **Microsoft SQL Server**.
- Integration of the module led to a **55%** decrease in 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 the user's choice of moods and music genres.
- Leveraged **Spotify Web API library** to retrieve songs' data, analyze songs, and create and populate playlists.

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

August 2019

- Developed a web application that generates summaries of users' time spent per event based on their Google Calendar weekly schedules using **Python**, **Django**, **PostgreSQL**, **Bootstrap**, and **Google APIs**.