

Carlos Guerrero

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

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Education

California State University, Northridge

Northridge, California

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Anticipated Graduation: May, 2020

- Courses: Computer Security, Computer Network Software, Human Computer Interaction, Data Mining, Advanced Web Engineer, Software Metrics
- Clubs: Society of Hispanic Professional Engineers, Association for Computing Machinery, Artificial Intelligence Association

Technical Skills

Programming Python, Java, C++/C, Swift

DevOps Docker, Kubernetes

Analytics MySQL, Firebase, MongoDB, Excel, Jupyter

Technical Tools React Native, Angular, Vue, HTML5, CSS, JavaScript, TypeScript, Deno, Node.js, REST API, Wireshark, Git, Agile, Scrum

Work Experience

Private Tutor

Remotely or Santa Ana, CA

Mar. 2015 - Jun. 2017

- Taught 10+ students the principles of basic to intermediate levels of computer science topics, such as C++, Java, "Hello World," and conditions.
- Taught 15+ clients how to improve their sign language proficiency and understanding of the deaf culture.

Projects

Attendance Accessibility

Northridge, CA

PROJECT LEAD & FULL STACK DEVELOPER

Oct. 2019 - May 2020

- Developed an integrative web application using MEAN stack.
- Presented biweekly meetings with the scrum masters, faculties and 5 members of the team for stand-ups.
- Integrated functions such as auto-generated QR codes and email between The National Center of Deafness and students about available services.

PIXL: Planetary Instrument for X-Ray Lithochemistry

Northridge, CA

FULL STACK DEVELOPER

April. 2020 - May 2020

- Implemented a web application using Model-View-Controller architecture and JavaScript.
- Wrote an algorithm for a heatmap of Mars's rock using JavaScript, and taught 4 members to easily read documentation of our files in Github.
- Successfully presented the program to Scientists Dr. Scott Davidoff, and Dr. Li Liu who are working for NASA Jet Propulsion Laboratory Scientists.

Extracurricular

Signs for Humanity

Orange, CA

SOFTWARE DEVELOPER

Dec. 2018 - Present

- Used React Native to build the native app, collaborated with the details of design & storyboard with two members who also use Adobe XD.
- Created the table diagram for a database that stores to Google Firebase.
- Tested existing products, wrote user manuals, and made sure systems are running correctly.

National Deaf Innovation Challenge

Rochester, NY

INNOVATOR

May 2020 - Present

- Contributing towards and learning more about how to set up a start-up business and develop a portfolio of clients.
- Interviewed hospitals and patients regarding their experiences with select services, and carefully listening to clients in order to gain a better understanding of how to provide greater service.

Hack Arizona 6.0

Tucson, AZ

CHAT-BOT OPES - BACK-END DEVELOPER

Jan. 2020 - Jan. 2020

- Developed the web app using MERN stack and Heroku to communicate between front-end and back-end entities which relays messages between the AI chat-bot and users.
- Contributed the task for the recruiting jobs that built the AI using Dialogflow & collected the informative links such as LinkedIn into chat-bot.