

Chris Cruz

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Portfolio: [lifeofchrisacruz](#)

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** Javascript, React, VX.js, Python, Django, Bootstrap, React-Bootstrap, HTML, CSS, Git
- **Exposure:** SQL, jQuery, Ruby, C++, Node.js, Express.js, Ruby on Rails, d3.js, svg, Pandas, Numpy, PyMySQL, CloudFoundry

>PROFESSIONAL EXPERIENCE

UC Davis | Full Stack Web Developer | Remote

Apr 2020 - Jan 2021 | Aug - Dec 2021

- Worked in a team of 4 to implement transcript analysis tools for 2K professors, and closed 110 tasks as highest performing team member.
- Created React chart with VX.js and svg which highlighted how GPA was impacted by socioeconomic factors for 39K students.
- Implemented Timeline React component which provided professors with a unified view of their lecture transcripts with zoom chats. Reduced their time spent comparing files by 50%.
- Implemented React table component which allowed professors to search for specific speakers, keywords, or timestamps in their lecture. Reduced search time by 30%.
- Implemented React component which allowed professors to upload different lists of words to search in their lectures. Improved lecture analysis by 20%.

Intel | Software Intern | Remote

Jan 2021 - Aug 2021

- Built an internal API with Django, Numpy, and PyMySQL, which helped 5 Intel hardware engineers provide raw SQL queries in their browser to query database and reduced their time writing platform bug reports by 30%.
- Reduced the time hardware engineers spent writing platform bug reports by 30% by creating the interface's forms using Django and jQuery for the interface to my team's database.
- Created the Django view, template, and formsets for data visualization tool that allowed Intel engineers to do predictive analysis of bug sightings of novel Intel products with 70% accuracy.

US Air Force | Morse Code Operator | South Korea & California

May 2012 - May 2016

- Managed 2 teams of 5 in as morse code operator subject matter expert (SME) and signals analyst SME. Liaison between leadership and teammates.
- Managed team of 16 IT equipment custodians. Accounted for \$250K worth of equipment.

>EDUCATION

Bachelors of Science: Computer Science, *University of California, Davis*

Sept 2021

>PROJECT WORK

Portfolio Website | [Live URL](#) | [Code URL](#)

Sept - Oct 2021

- Created portfolio website as a React single page application using react-router and react-bootstrap. Purchased domain and hosting on Netlify. Use Netlify-CLI and Netlify CI to monitor deployments.

One Rep Max Calculator | [Live URL](#) | [Code URL](#)

Oct 2021

- Created calculator which calculates user's theoretical One Rep Max for an exercise given the weight and number of repetitions they did. Used React and React-Bootstrap to implement the tool.