

Josué Montenegro

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🌐 <https://github.com/josuey>

OBJECTIVE

Apply my Computer Science skills to solve real-life problems, develop innovative software, and contribute to the development of your company's talent and culture.

EDUCATION

University of California, Santa Barbara – B.S. Computer Science

June 2018

- GPA 3.52
- Relevant Coursework: Linear Algebra, Android Dev, Data Structures and Algorithms, Computer Networks, Parallel Computing, Computer Security

CORE COMPETENCIES

CS

- Programming experience – C++, Python, Java, Ruby on Rails, React

PROJECTS

CorePool – React Native, Firebase

July 2017

- Developed a multiplatform mobile application to improve commute and parking logistics at Procore
- Designed and implemented an intuitive UI based on user experience research
- Implemented JavaScript promises to avoid wrong data delivery caused by asynchronous calls to the database

Lobster – Android, Firebase

Jun 2017

- Designed the database schema for users and chat rooms used in a chat app
- Implemented user persistent authentication through Gmail
- Allowed users to have an avatar and share images by using Glide and Cloud Storage

Chronooz – Ruby on Rails, HTML, CSS, APIs

Jan – Feb 2017

- Created a news web-app that displays a timeline of related events for popular news
- Used APIs from different news companies and made them interact with each other
- Learned Ruby on Rails from scratch over the course of a two-day hackathon

RELEVANT EXPERIENCE

U.C.S.B.

2014 – present

- Helped students with coding questions at the Library's Research Collaboratory

Procore

Jun – Sep 2017

- Worked on the *Search* team helping maintain an Elastic Search engine in a Ruby on Rails backend
- Developed a proof of concept to perform a global search using React components, API endpoints and Elastic Search queries

T.A.N.C. Lab

Apr – Jun 2017

- Programmed automated solutions for experiments using C++ and Matlab
- Restructured a Matlab program to run a quantum random number generator that could only be used using C++

OTHER SKILLS & INTERESTS

- Spanish, English - fluent
- Outstanding capacity to establish interpersonal relationships
- Play guitar and learn web-development in my free time