

# Jose Mario Cuellar

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## EDUCATION

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### University of California, Santa Barbara

**Graduation: June 2020**

- Bachelor of Science in **Computer Science**.
- **Relevant Coursework:** Data Structure and Algorithms, Operating Systems, Computer Networks, Computer Security, Computer Graphics, Automata and Formal Language, Database Systems.
- **GPA:** 3.34

## WORK EXPERIENCE

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### Remedial Computer Science Tutor at University of California (Santa Barbara, CA)

**Jan - Dec 2019**

- Assisted undergraduate students at intro level courses with the basics of programming and best practices in industry.
- Managed a team of students working on the course project by grading their work and ensuring that deadlines were met to guarantee a working product was delivered at the end of the course.
- Conducted one on one sessions with students about challenging topics in the course.
- Collaborated with a team of tutors and course instructor to adequately structure the course and resolve concerns raised by students.
- Communicated with the class instructor through Slack for course-related consultations.

### Dining Services at the University of California (Santa Barbara, CA)

**Apr - Dec 2018**

- Provided customer service care to university students at the university's dining commons.
- Managed sections of the establishment and verified that resources (utensils, cups) were supplied to the customers in these sections.
- Collaborated with co-workers to provide a clean and welcoming environment for students.

## PROJECTS

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### Android Messaging Application – M'Chat

**Jan – May 2020**

- An Android, end-to-end encryption messaging application that allows users to send text and multimedia messages through Wi-Fi/LTE.
- Client on the user's device communicates with a centralized server that is responsible for forwarding messages to the correct user or storing messages until the receiver user reconnects.
- To ensure user privacy all messages are encrypted and only stored locally on the user's mobile device using Android Jetpack's Room Persistence Library.

### React Native Rideshare Class Project – Gaucho Rides

**Apr – Sep 2018**

- Designed and developed a mobile ridesharing application which utilizes a map-based search algorithm to find matching rides for UCSB students. Provided an interface for students to rate drivers and vice versa to encourage positive interactions among users.
- Utilized UML class diagrams and agile software development practices.
- Created clear documentation for the code and instructions on how to install/initialize the application

### Android Minesweeper Application - Side project

**Jan - Aug 2017**

- Recreated the classic minesweeper game as a fully functioning Android application.
- Learned the basics of android development independently through the documentation and online resources.

## SKILLS

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- **Languages:** C/C++, Java (Android), Python, JavaScript, JSX (React/React Native), SQL.
- **Tools:** Git/Github, Android Studio, SSH, Bash, Slack.