

# Mohammad Khizar

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## EDUCATION

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### University of California, Berkeley

May, 2020

*Major: Cognitive Science B. A, Emphasis in Computer Science*

*Berkeley, CA*

- Relevant Coursework: Structure and Interpretation of Computer Programs (CS61A), Data Structures (CS61B), Discrete Math and Probability Theory (CS70), Artificial Intelligence (CS188), Efficient Algorithms and Interactable Problems (CS170), Computer Security (CS161)

## Skills

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**Programming Languages:** Python, Java, Swift, HTML/CSS/JS, Bootstrap framework, Flask, SQL/LISP

**Web Development:** HTML/CSS/JS, Node.js, React, Rails

**Mobile Development:** Swift, XCode

## WORK EXPERIENCE

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### Facebook: Oculus

Sept. 2019 – Jan 2020

*Software Automation Engineer*

*Menlo Park, CA*

- Developing 100+ E2E automated test suites for Oculus Go & Quest products run daily on lab machines & automating testing in Virtual Reality
- Implementing & supporting backend infra for JEST framework testing in the Oculus app software.
- Working cross functionally with SWEs, CDEs, and Project Leads to leverage automation for better reliability & scalability (boosting test pass reliability from 80% to 95%).
- Led an E2E test automation project & designed & documented full project plan in DVT and PVT stages.

### Facebook: Oculus

May 2019 – Sept. 2019

*QA Lead @ Test Assured*

*Menlo Park, CA*

- Led a team of 6 QA engineers on an AR/VR Enterprise Project. My team impacted business apps for VR, and most importantly big business customers, like PWC and Wal-Mart..
- Gaining the ability to log results into testing database, manage the life cycle of the bugs, compile weekly build status and daily area status emails, properly prioritize workflow and bug fix needs, and easily communicate these results with the team.

### Stroll Health

Jan 2016 – Aug. 2016

*Full-Stack Developer*

*Berkeley, CA*

- Stepped up as a front-end developer, without prior experience, when it was essential for the company to push a customized platform to one of the biggest hospitals in Washington D.C.
- Attained fundamental knowledge during an invaluable experience in agile. Software development at a dynamically growing medical technology company located in Berkeley's top startup incubator.

## Projects & Accomplishments

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- **End-to-End Encrypted Dropbox Clone::** Built a file sharing system. Allows users to store and load and share files with other users, and revoke access to a shared file. Client is used to upload/download files to/from the server. Provided the interface through which users can interact with the files stored on the server. Implemented InitUser, GetUser, StoreFile, AppendFile, LoadFile, ShareFile, ReceiveFile, and RevokeFile
- **Gitlet:** implemented a version-control system in Java that mimics features of the system Git, including add, merge, init, commit, find, status, checkout, branch, rm-branch