

# Aaroh Mankad

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## Work Experience

- **Facebook** Seattle, WA  
*SWE in Everstore* Nov. 2019 - Current
  - Extended configuration on Cold Storage backups, decreasing compaction overhead by 24% during high-stress COVID load.
  - Decreased our live queue of pending volume deadings from 3M to 300k by short-circuiting from known failures.
- **Facebook** Menlo Park, CA  
*SWE Intern in Datacenter Tools* Jun. 2018 - Sep. 2018
  - Built internal tooling to plan and model physical datacenter layout over time
  - Laid foundation for high-level automation of manual Capacity Planning processes
  - Assisted cross-functional effort to identify this automation's short-term goals/long-term vision
  - Analyzed and improved existing critical UI components resulting in 3x performance gain
- **UNUM** Los Angeles, CA  
*Software Development Intern* Jun. 2017 - Sep. 2017
  - Created publicly accessible user profile pages
  - Handled server logic for managing profile page options, color schemes, and link schedules
  - Prototyped UNUM dashboard, bringing the app experience to the web
- **ShadowBid** Venice, CA  
*Full Stack Development Intern* Jun. 2015 - Aug. 2015
  - Interfaced with Amazon API, along with securely handling confidential user information
  - Created V1 of Chrome Extension, integrating with server
  - Refined price retrieval service to reduce cost of feature by \$1500 per month

## Projects

- **S.A.M.** HackPoly (Prize Winner)  
*Stop Annoying Messages* Feb. 2017
  - Enabled mention-only notifications in Facebook Messenger
  - Worked against Facebook chat API limitations by integrating unofficial chat API
  - This feature was later implemented by Facebook on all Messenger platforms
- **Juke** SDHacks (Prize Winner)  
*Twitch plays Spotify* Sep. 2016 - Oct. 2016
  - Created back-end of application, which involved fusing Twitch and Spotify API's together
  - Added messaging per-channel functionality to open source Twitch wrapper for Node.js

## Education

- **University of California, Riverside** Riverside, CA  
*B.Sc., Computer Science, GPA: 3.4* Jun. 2019

**Languages:** Javascript, C++, Learning: MATLAB (Machine Learning), Python (Data Manipulation)

**Technologies:** MongoDB, GraphQL, Angular, React, Node.js, Docker, Next.js, Neo4j,

**Volunteering:** BCOE Leadership Council, ACM@UCR President, Citrus Hack Co-Director of Operations, StudentRND Evangelist, CodeDay San Diego Founding Organizer