

# Aaroh Mankad

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## Work Experience

- **Facebook** Seattle, WA  
*Infrastructure SWE in Everstore* Nov. 2019 - Current
  - Identified several missing gaps which hindered throughput of multiple storage pipelines and worked to address these pain points
  - Led development of a [Bulk Metadata Editor](#), which processes *100k records per minute*
  - Co-wrote an [Accidental Deletion Recovery Pipeline](#), replacing a flaky manual process and scaling to nearly *500M blobs recovered*
  - Extended configuration on Cold Storage backups, *decreasing compaction overhead by 35%* during high-stress COVID load
  - Decreased our live queue of pending volume deadings from *3M to 300k volumes* by short-circuiting from known failures
  - Designed and implemented onboarding of a new storage implementation to our replication service. *Owned project end-to-end*, added monitoring, established SLAs and SLOs, etc.
- **Facebook** Menlo Park, CA  
*Full Stack 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
- **Independent Contractor** Remote  
*Full Stack Developer* Jun. 2015 - Nov. 2019
  - Consulted with start-ups to build out MVP products in pre- and post-funding stages
  - Worked with founder teams to analyze business impacts of technical decisions
  - Managed adjustments of contracts based on project specifications within accepted timeline
  - UNUM:
    - \* Prototyped [Dashboard](#), introducing their Instagram power-user interface to the web
    - \* Created BioBar, an [externally accessible user profile page](#) to enable a rich link sharing experience from Instagram
    - \* Introduced a [suite of microapps](#) to augment paid platform offerings as a way to funnel users
  - ShadowBid: Wrote Chrome Extension and accompanying server-side logic to execute automatic purchases of items on Amazon, including near-live price tracking

## Education

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

**Languages that I've landed real impact with:** Javascript, C++

**Technologies that I've leveraged:** MongoDB, GraphQL, Angular, React, Node.js, Docker, Next.js, Neo4j, MySQL