

# NAEEM QUDDUS

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## EXPERIENCE

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### Oculus VR - Meta

*Software Engineer*

May 2017 - June 2018

*Menlo Park, CA*

- Position: Software Engineer on the Oculus Mobile App Team
- Built and released the companion app for Oculus Go and Oculus Quest on iOS and Android. Worked full stack on mobile pairing user flow and Bluetooth pairing protocols. Designed and implemented new standards for the standalone VR first time user experience. Developed and engineered Oculus mobile GDPR compliance process and strategy.
- Outcomes: 1.2 million app downloads in the first year, quarter million Oculus Go headsets sold in the first quarter, Secured against potential GDPR compliance fines of 1.6 billion dollars

### Oculus VR - Meta

*Software Engineering Intern*

May 2016 - August 2016

*Menlo Park, CA*

- Position: Software Engineering Intern on the Developer Platform team
- Redesigned and implemented a new navigation system for the Oculus developer dashboard website. Worked with designers and content strategists to create a new user experience. Created a rich text editor to allow developers to write formatted descriptions.

### Bloomberg LP

*Software Engineering Intern*

May 2015 - August 2015

*New York City, NY*

- Position: Core Financial Intern on the Mortgage Development team
- Designed and created new system to handle workflows for individuals. System designed to automatically generate, assign, and monitor progress of work items in real time. Helps streamline triage and work blockage analysis for project leads. Abstracted interface to allow for new projects and workflows to be added smoothly.

### Indeed.com

*Software Engineering Intern*

May 2014 - August 2014

*Austin, TX*

- Position: Intern on the Aggregation team
- Programmed a service to query information from Twitter to find possible job application pages. Wrote and trained a naive Bayesian classifier to parse the html content of candidate pages and classify pages, filtering out 98% of undesired pages.

## PROJECTS

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### Radiosity Global Illuminator

- Implementation of a rendering algorithm generating scenes with global illumination. Divides a given environment into discrete polygons which radiate light until color convergence.

### Cloth Simulator

- Implementation of *Large Steps in Cloth Simulation* by Baraff and Witkin and *Robust Treatment of Collisions, Contact and Friction for Cloth Animation* by Bridson et al.
- Collisions prevented by inelastic impulses and spring based repulsion forces and detected by axis aligned bounding volume hierarchy.

## EDUCATION AND ACCOMPLISHMENTS

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### University of Texas, Austin

B.S. in Computer Science · Turing Scholars Honors Program  
Overall GPA: 3.85

*May 2017*

## TECHNICAL STRENGTHS

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<b>Proficient</b>	Java, Javascript, React Native
<b>Familiar</b>	Python, C/C++, Bash
<b>Tools</b>	Git, Travis CI, Vim, Guice, GraphQL/Relay, Redux