

# BRIAN YAN

## Software Engineer

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## EXPERIENCE

### Software Engineer

#### Facebook (Meta Platforms)

📅 May 2021 – Present    📍 New York, NY

- Giving users more control over the content on their News Feed, while re-prioritizing News Feed content towards metrics measuring sentiment, rather than traditional engagement metrics.
- Tech Lead of the Control Panel. The Control Panel is a settings page that has been launched to 25% of English speaking users, allowing users to choose the types of content they see on their feed.
- Aligning with Designers, Front End Engineers, Policy and Product Managers to build meaningful experiences for users.
- Building a backend solution that can correctly and quickly apply users controls into our feed ranking algorithm by leveraging Hack, C++, Thrift, EntQL.
- Building big data pipelines to measure the ranking efficacy of these controls by leveraging Python, Spark, Presto, Hive.

### Software Engineer II

#### Microsoft

📅 August 2017 – March 2021    📍 Redmond, WA

- Built the infrastructure that will allow Azure to optimally place VMs hosted on Microsoft Azure.
- Supported Azure's workload by using tools such as .Net, C#, Service Fabric and Kafka to better pack VMs on hardware in order to improve the overall capacity of the fleet in a fast and reliable way.

### Software Engineering Intern

#### Google

📅 May 2016 – August 2016    📍 Mountain View, CA

- Enabled engineers to easily parse data on App Deeplinking by developing internal UX tools as a member of the Apps and Product Infrastructure team.

### Software Engineering Intern

#### Viacom

📅 June 2015 – August 2015    📍 New York, NY

- Prototyped and developed experimental iOS apps and Chrome Extensions focused on long term growth in cross-platform content and storytelling.

## PROJECTS

### Simon Says

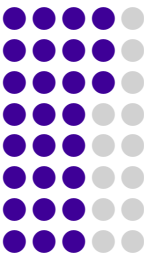
#### Top 6 at Android TV Hackathon

📅 Spring 2015    📍 Los Angeles, CA

- Android TV application that detects user movements using Myo.
- Intended to assist with physical therapy by recording data for doctors.

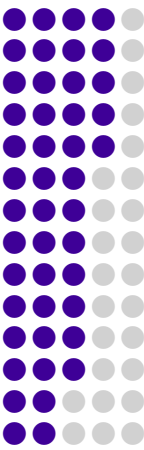
## PROGRAMMING LANGUAGES

C++  
C#  
Hack  
Python  
Java  
Javascript  
CSS  
HTML



## ADDITIONAL PROGRAMMING KNOWLEDGE

Kafka  
jQuery  
Git  
Full Stack Web Development  
Chrome Extensions  
Django  
Flask  
MongoDB  
Thrift  
EntQL  
Presto  
SQL  
Swig  
gRPC



## EDUCATION

B.S. in Computer Science  
University of Southern California

📅 Class of 2017

High School Diploma  
Stuyvesant High School

📅 Class of 2013