

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 new settings page 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

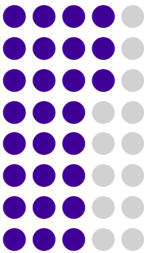
Top 6 at Android TV Hackathon

📅 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.

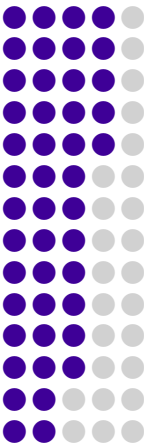
PROGRAMMING LANGUAGES

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