

# Mohammed Ajao

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## EDUCATION

### New York University

Bachelor of Science in Computer Science

New York, NY

Sep. 2018 – May 2023

## EXPERIENCE

### Fullstack Software Engineering Intern

Jun. 2022 – Aug. 2022

Meta

Menlo Park, CA

- Assisted an implementation which lead to an increase of group product growth by 1B and a growth projection of 900% (12.34B) using React, React Native, PHP, and enterprise-level native technologies
- Increased crossposts of marketplace and group listings by 1000% & 600% respectively
- Designed and implemented business logic, engineering plans with sister teams, tests, and scoped new features for groups, promotions & ranked feeds products

### Fullstack Software Engineering Intern

Jun. 2021 – Aug. 2021

Meta

New York, NY

- Implemented personalization features and UI for Marketplace product
- Facilitated in-depth logging and enrichment by correlating APIs with edge context
- Tested and developed logic for core market experience experiments

### Mobile Software Engineering Intern

Jun. 2020 – Aug. 2020

Meta

New York, NY

- Developed, designed, and scoped feature-rich mobile apps and models with a ranking algorithm using React, Java, and Parse
- Led team discussions and app reviews
- Contributed 50K+ lines of code to assigned projects
- Presented app project virtually to Meta teams

### Backend Software Engineering Intern

Jun. 2019 – Aug. 2019

BuzzFeed

New York, NY

- Integrated and developed geo-enrichment service site-wide for downstream data pipeline with testing, concurrency, and throttling
- Enriched 800K+ messages daily
- Presented service architecture using Golang, Python, and Cron

### Backend Software Engineering Intern

Sep. 2018 – Dec. 2018

U\*Start

New York, NY

- Developed and design Golang API structure to integrate into micro-service architecture of 7+ services
- Worked with graduate students on scalable designs for a micro-service architecture migration from a monolithic codebase

## PROJECTS

### Context Aware Dialogue System | Simplified remake of Valve's dialogue system

Oct. 2022

### Project Manager | NuxtJS, Vue.js, Javascript, Google Analytics

Feb. 2019 - May. 2022

- Developed and scoped website and several semesterly projects for organization resulting in 200+ MAU
- Led sprints, discussions, and scoped software specifications

### NYC CS Fair Student Showcase AI | Lua, Roblox API

March 2017

- Became a first-generation winner & was featured in a [Microsoft publication](#) for visualizing OOP vs functional runtime performance
- Developed scalable AI using A\* algorithm with rendered polymorphism/encapsulation

### Bloxxers | Lua, Roblox API

March 2017

- Developed first ROBLOX brawler with 100+ monthly active users with a 3K player base and was awarded RBXDev entry
- Developed custom framework, autonomous database, UI/UX, & custom datastructures

## TECHNICAL SKILLS

**Languages:** Java, PHP, Python, C/C++, C#, SQL, Javascript/Typescript, HTML/CSS, Golang, Lua, MongoDB, GraphQL

**Frameworks:** React, React Native, React Relay, NuxtJS, Laravel, Adonis, Vue, Angular, Node.js, Flask, Django, Mocha, Jest

**Developer Tools:** Git, NodeJS, Docker, AWS, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse, Unity, AdobeXD

**Libraries:** pandas, NumPy, Matplotlib

## OTHER SKILLS & AWARDS

**All:** Project Management, UI/UX Design, Mobile Development, Game Development

**Languages:** English (Native), Korean (Intermediate), Mandarin (Basic)

**Awards:** Google Innovation Challenge 2nd Place, NYC CS Fair Student Showcase Winner