

# Gabriel Ochoa

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## Experience

### Facebook

#### Senior Software Engineer - FB Live Web

New York, New York

July 2019 - Present

- Led creation of Live Explore page: [facebooklive.com](https://facebooklive.com)
- Contributes to 5% of global live web watch time
- two more lines
- two more lines

### Bloomberg L.P.

#### Senior Software Engineer - Network Surveillance Automation

New York, New York

June 2018 - June 2019

- Lead Engineer on a fullstack persistent REST key/value store for configuration of network devices.
- Ingests data produced by various network teams (~1.5 million POSTs & 15GB / day)
- Used by teams across infrastructure through GUI or API (~3 million GETs / day)
- Implemented systems to automate network management and monitoring
- Worked alongside Network Engineers / NetOps on the world's largest private network
- Developed architecture design and helped enforce SDLC standards across infrastructure
- Designed a django library to integrate our team's apps with Bloomberg SSO and OAuth2.0 Services
- Mentored four junior SWEs and one intern
- Participated in on-campus recruiting and conducted interviews for college hire and senior positions

#### Software Engineer - Network Orchestration Automation

June 2016 - June 2018

- Created a framework to allow NetEng to alarm on state/config of deployed devices
- Modernized team's shared libraries by introducing use of pip and pypi to create packages
- Originated team's use of jenkins for automated testing and linting checks.

#### Software Engineering Intern - Vault - Financial Data Management

Summer 2015

- Researched, Tested and Implemented C++ and Java API for an Accumulo DataBase
- Used during ingestion to process over a 1 billion cloud stored xml files

### Binghamton University, State University of New York

Binghamton, New York

#### Teaching Assistant CS140 - Programming with Objects

Fall 2013 & Spr 2014

- Assisted ~150 students with Java lab assignments
- Held weekly open office hours and 1-1 personalized tutoring

## Education

### Binghamton University, State University of New York

#### B.S. Computer Science

Binghamton, New York

Sept 2012 - May 2016

## Skills

**Programming languages:** Python, C++, Java, C#, JavaScript, C, Bash, Perl

**Frameworks / Libraries:** Django/Flask, React, Unity, OpenGL

**Technologies:** MySQL/Postgres/SQLite, Git, SaltStack, Jenkins, Splunk, JIRA, L<sup>A</sup>T<sub>E</sub>X

**Certifications:** Splunk Fundamentals 1 and 2

**Human Languages:** English (Native), Korean(Inter.), Spanish(Elem.), Mandarin Chinese (Beginner)

## Personal Projects

### Deceit - Best FOSS Hack

BrickHack Spring 2016

Webapp Card Game based on Dixit (the board game). Built with Python, Flask, and Reddit API.

### FriendWagon - Best Use of AWS Winner

BrickHack Spring 2015

"Uber for Road Trips". Using NodeJS, Spotify and Twilio API. Hosted on AWS.