Gabriel Ochoa

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Education

Binghamton University, State University of New York	Binghamton, New York
B.S. Computer Science	*Sept 2012 - May 2016*

- Data Structures / Algorithms / Obj Oriented Prog I/II/III
- Graphics Programming / Image Processing / Computer Vision

Experience

Facebook	New York, New York
Tech Lead / Senior Software Engineer - Live Destination (FB)	*July 2019 - Present*

- Led creation of Live Explore page: facebooklive.com
- Contributes to 2% of global live watch time and 20% of Web
- Mentorship of interns, senior and junior engineers

Freelance	New York, New York
Tutor	*Sept 2019 - Present*

- Tutored students on full stack web development
- Held office hours to assist on lab assignments / projects
- Career Mentorship and Mock Interview Practice

Bloomberg L.P.	New York, New York
Senior Software Engineer - Network Surveillance Automation	*June 2016 - 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)
- 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 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

Skills

Programming languages: Python, Hack, JavaScript, C++, Java, C#, C, Bash, Perl
Frameworks / Libraries: React, Django/Flask, Unity, OpenGL, SFML, GraphQL, NodeJS
Technologies: MySQL/Postgres/SQLite, Git, SaltStack, Jenkins, Splunk, JIRA, LaTeX
Certifications: Splunk Fundamentals 1 and 2
Languages: English (Native), Korean(Elem.), 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.