YAO XIAO

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`http://xarvey.github.io`

EXPERIENCE

Software Engineer   August 2017 - Present
Facebook, Inc.   *Menlo Park, CA*

· Worked as a full stack engineer for integrity review platform, which builds software to prevent and solve bad experiences for real people on Facebook family of apps(Facebook, Instagram, Messenger, WhatsApp and Oculus). These experiences range from seeing objectionable content (e.g. porn, hate speech) in feed, to helping people who may be harassed or even suicidal, to help recover hacked profiles.

- Helped maintaining the tool similar to Amazon Turk that distributes work for 10,000s of content reviewers all over the world.

- Built a tool from scratch to let non engineers control settings for content review pipeline, having around 50 employees interacting with the tool every day.

- Developed technical roadmap, held design review and revamped an infra that allows taking actions on millions of reported content per day efficiently

- Improved logic for content duplication leveraging AI/ML to help reduce thousands of hours saved per week on reviewing content

- Created a developer tool from scratch to enable engineers creating their own use cases and supported around 50 product launches

- Helped improve stability of system by building a pipeline to analyze system error and fixing fundamental infrastructure flaws

- Technologies: PHP/Hack, JavaScript/React, Presto(MySQL), Mercurial, Python, GraphQL, Relay, Redux

· Lead many projects which required lot of collaboration between Engineering, Data, Operations, Outsourcing Partners, Product designer, etc.
· Others: Intern Mentor, Bootcamp Mentor, Interviewer

Software Engineering Intern   May 2016 - July 2016
Bloomberg L.P.   *New York, NY*

· Created Apache Spark based rule engine in Scala to support a new product being developed by the team
· Adapted my system to the existing set of APIs' to support billions of data points per day

TECHNICAL STRENGTHS

Computer Languages	Proficient in Hack(PHP), Javascript, Java, Python, Scala
	Familiar with C++ Delphi, R, MATLAB, Swift, Mysql, Spark, Clojure
Framework	React, Relay, GraphQL, Redux
Tools	Git, Mercurial, Splunk, Docker

EDUCATION

Purdue University, West Lafayette   *August 2013 - May 2017*
Bachelor of Science in Computer Science with a Minor in Math and a Certificate of Entrepreneur
Overall GPA: 3.7/4.00