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## Senior Software Engineer

### EXPERIENCE

- 2017/8 – Current

Senior Software Engineer

Menlo Park, CA/Sunnyvale, CA/New York, NY

Facebook/Meta Inc.
- Helped maintain a tool similar to Amazon Turk that distributes work for 140,000s of content reviewers all over the world
  - Used ML and GBDT to optimize the matching of reviewers and tasks, resulting in a 10% increase in efficiency
  - Led a team of three to rewrite the frontpage for content reviewers, which included creating a data pipeline and displaying key insights from their work
  - Improved logic for content duplication, leveraging AI/ML to save thousands of hours per week on content review
  - Created a tool from scratch to allow non-engineers to control settings for the content review pipeline, with approximately 100 employees interacting with the tool on a daily basis
  - Built a developer and code generation tool from scratch to allow engineers to create their own labeling use cases, and supported approximately 50 product launches
  - Contributed to system stability by constructing a pipeline to analyze system errors and fix fundamental infrastructure flaws; improved system stability to 99
  - Created technical roadmaps, held design reviews, conducted 100+ interviews, mentored juniors and interns, and ramped up new hires
  - PHP/Hack / JavaScript/React / Presto(MySQL) / Mercurial / Python / GraphQL / Relay / Redux
- 2016/5 – 2016/8

Software Engineer Intern

New York, NY

Bloomberg L.P.
- 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

### SKILLS



### LANGUAGES

English - proficient  
Chinese - native  
Spanish - rudimentary

### SIDE PROJECT

Created an online murder mystery game during covid-wfh time that allowed people enjoying the games virtually. Played 10+ hrs with friends using this tool

### EDUCATION

- 2013 – 2017

Bachelor of Science in Computer Science with a Minor in Math

West Lafayette, IN

Overall GPA: 3.7/4.0

Purdue University