

Dorothy Jung

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EXPERIENCE

Netflix

Los Gatos, CA

Engineering Manager, Promotional Video

Jan 2024 - Present

- Lead an engineering team in building applications to create, store, and manage XM+ video assets annually.
- Collaborate cross-functionally with Product Managers, UI/UX Designers, and Creative teams to enable automated compositing, assembly, and distribution of short-form videos across 190+ countries.
- Coach, mentor, and grow a diverse team based in the U.S. and Mexico.

Yelp

San Francisco, CA & London, England

Senior Engineering Manager, Ads

Nov 2020 - Dec 2023

- Built and scaled an engineering team of Software Engineers, ML Engineers, and Applied Scientists from the ground up in the UK. Led development for ad content ranking and ad matching algorithms.
- Led a 12-person engineering team to improve ad targeting on Yelp. Major projects included a new deep learning model for ads ranking and an overhaul of model serving infrastructure onto MLeap.
- As Head of the Women in Engineering ERG - EU Chapter, partnered with internal and external organizations to plan community-building and outreach events, and drove initiatives to source and hire diverse talent.

Yelp

San Francisco, CA

Software Engineer, Ads

Aug 2015 - Nov 2020

- Designed and led end-to-end implementation of multiple projects to add sponsored results on Yelp, including Yelp Delivery searches and the Request a Quote flow (Javascript, Python, Java, Elasticsearch).
- Augmented stream processing pipeline for ad views and clicks to control ad campaigns in real-time based on daily budget goals (Python, Spark, Kafka, Cassandra).
- Rearchitected ad campaign management infrastructure, including creation of a new microservice and internal CRUD API to manage campaigns for online and offline batch use cases (Python, MySQL).

DreamWorks Animation

Redwood City, CA

Engineering Intern, R&D

Jan 2014 - Jun 2014

- Wrote a cmdline tool to audit metadata across studio software and third-party plug-ins (Python).
- Updated proprietary rendering software to be compatible with a new compiler version (C++).
- Collaborated with production teams on software release and integration for *How to Train Your Dragon 2*.

Mirixa Corporation

Emeryville, CA

Engineering Intern

Sep 2013 - Nov 2013

- Generated user stories and test cases to assess functionality of a clinical platform used by pharmacies (Javascript).

EDUCATION

University of California, Berkeley

Berkeley, CA

B.A. Computer Science, French with Honors; GPA: 3.61

Aug 2015

Université Côte d'Azur

Nice, France

Study Abroad, Engineering Entrepreneurship; GPA: 4.00

Jun 2015 - Aug 2015

TALKS & PUBLICATIONS

The process: Implementing Yelp's failover strategy | *Increment by Stripe Press — Issue 16*

2021

- Covered Yelp's autoscaling strategy and how to strategically handle shifts in traffic during an outage.

OnCall of Duty | *SREcon Americas*

2019

- Choose-your-own-adventure game simulating on-call scenarios. Featured in *DevOps Weekly* and *SRE Weekly*.

What I wish I knew before going on-call | *LISA (Large Installation System Administration) Conference*

2018

- Guidelines for Site Reliability Engineers and developers on on-call onboarding and incident response.

TECHNICAL SKILLS

Languages: Python, Java, C++, Javascript, SQL

Technologies: Spark, Kafka, MySQL, Cassandra, AWS (EC2, S3, SQS, DynamoDB)