

# Dorothy Jung

<http://dorothyjung.com/>

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## EDUCATION

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### University of California, Berkeley

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

Berkeley, CA

*May 2015*

### Université de Nice, Sophia-Antipolis

*Study Abroad, Engineering Entrepreneurship; GPA: 4.00*

Nice, France

*Jun 2015 – Aug 2015*

## EXPERIENCE

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### Yelp

*Engineering Manager*

San Francisco, CA

*Nov 2020 - Present*

**Ad Quality:** Lead a team of software engineers, machine learning engineers, and data scientists to improve relevance and ranking of ads on Yelp.

### Yelp

*Software Engineer*

San Francisco, CA

*Aug 2015 - Nov 2020*

**Yelp Delivery Monetization:** Designed and implemented changes to add sponsored results to Yelp Delivery search pages as a part of COVID-19 relief efforts (Python, Java, Elasticsearch).

**Ad Stream Processing:** Added stages to the stream processing pipeline for ad views and clicks to control ad campaigns in real-time in accordance with daily budget goals (Python, Spark, Kafka, Cassandra).

**Request a Quote Ads:** Led a cross-team project to monetize the Request a Quote flow for Home and Local Services businesses. Scoped end-to-end changes and contributed to implementation by fetching relevant advertising businesses and rendering data in ad unit (Javascript, Python, Elasticsearch).

**Ad Campaign Management API:** Designed a new internal API used for fetching ad campaign data, utilized by other services at Yelp for online and offline use cases. Migrated legacy production code out of a monolithic repository and into a service (Python, MySQL).

**Diversity and Inclusion Initiatives:** Lead member of Women in Engineering employee resource group at Yelp. Active contributor in planning inclusive events as well as sourcing, interviewing, and hiring diverse candidates.

### DreamWorks Animation

*R&D Intern*

Redwood City, CA

*Jan 2014 – Jun 2014*

**Rendering Software Modernization:** Enhanced existing proprietary rendering software to support new C++11 features available in latest compiler version (C++).

**Package Audit Tool:** Wrote a cmdline tool to audit metadata for studio software and third-party plug-ins including Maya, Houdini, and Nuke (Python).

**Studio Production Support:** Communicated with Technical Directors and developers about software integration on *How to Train Your Dragon 2* and *Penguins of Madagascar*.

### Mirixa Corporation

*Engineering Intern*

Emeryville, CA

*Sep 2013 – Nov 2013*

**Pharmaceutical Platform:** Generated user stories and test cases to assess functionality of a clinical platform used by commercial pharmacies and pharmaceutical schools (Javascript).

## PROJECTS

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**OnCall of Duty:** Interactive choose-your-own-adventure game for simulating engineering on-call scenarios. Presented at SRECon Americas 2019 and featured in industry newsletters *DevOps Weekly* and *SRE Weekly*.

**mineti.co:** Analytics tool to measure consumer emotional response from EEG data. Placed in top 10 out of 85 teams at the European Innovation Academy. Finalist for the Novak Druce Innovation Award (Node.js, d3.js, Postgres, Emotiv SDK).

## PROGRAMMING SKILLS

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

**Technologies:** Spark, Kafka, Cassandra, AWS