

# Y. DOROTHY JUNG

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## EXPERIENCE

### Yelp, Inc. | *Software Engineer*

San Francisco, CA  
Aug 2015 – Present

- Currently adding 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, Apache Spark, Kafka, Cassandra, Amazon EMR)
- Led a cross-team project to monetize the “[Request a Quote](#)” flow on yelp.com. Scoped end-to-end changes and contributed to implementation by fetching relevant advertising businesses and rendering data in ad unit. Successfully rolled out new ad flow well in advance of anticipated 2018 launch date. (JavaScript, Python, Kafka, Elasticsearch)
- Designed a new internal API used for fetching ad campaign data, utilized by other services at Yelp for batch and web use cases. Migrated legacy production code out of a monolithic repository and into a service. (Python, Kafka, MySQL, Swagger)
- Interviewed candidates and mentored interns and new hires.

### DreamWorks Animation | *R&D Intern*

Redwood City, CA  
Jan 2014 – Jun 2014

- Added compiler support to existing proprietary rendering software for C++11 features. (C++)
- Wrote a cmdline tool to audit metadata for studio software and third-party plug-ins. (Python)
- Communicated with Technical Directors and other developers for software integration on *How to Train Your Dragon 2*, *Penguins of Madagascar*, and *Home*.

### Mirixa Corporation | *Engineering Intern*

Emeryville, CA  
Sept 2013 – Nov 2013

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

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## EDUCATION

### University of California, Berkeley

May 2015

B.A. Computer Science, B.A. French with Honors

GPA: 3.61

#### *Relevant Coursework*

Operating Systems

Computer Networking

Randomized Algorithms

Computer Security

Computer Graphics

Advanced Algorithms

#### *Leadership & Activities*

IEEE Student Branch Publicity Chair, French Department Tutor, Resident Assistant (RA)

### Université de Nice Sophia-Antipolis

Nice, France

Study Abroad, Engineering Entrepreneurship

Jun 2015 – Jul 2015

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## PROJECTS

### Mineti.co (Node.js/Express, Postgres, d3.js, Bootstrap)

Created an analytics tool to measure a consumer’s emotional response based on EEG data. Made use of Emotiv SDK. *Top 10 Finalist* out of 85 teams at the European Innovation Academy in Nice, France. One of 4 Finalists for the *Novak Druce Innovation Award*.

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## SKILLS

#### *Languages & Technologies*

Python, C++, C, Java, MySQL, Cassandra, Hadoop, Kafka, Apache Spark, AWS EMR/S3/SQS

#### *Web Development*

HTML, CSS, JavaScript, Node.js/Express, Angular, Ruby on Rails

#### *Natural Languages*

French (fluent), Korean (working proficiency)