

Stella Yang

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

B.S. IN COMPUTER SCIENCE & ENGINEERING

Expected Jan 2020

GPA: 4.7/5.0

COURSEWORK

COMPLETED

Introduction to Machine Learning
Computer System Engineering
Elements of Software Construction
User Interface Design
Design and Analysis of Algorithms
Computation Structures
Interconnected Embedded Systems
Interactive Music Systems
New Enterprises
The Art and Science of Negotiation

SKILLS

PROGRAMMING LANGUAGES

Java • Javascript • Python

WEB TECHNOLOGY

Node.js • Express • Flask • REST
HTML • CSS • Angular • Polymer
Dart • Handlebars • JQuery • Ajax
Google Analytics

OTHER TECHNOLOGY

SQL • BigQuery • MongoDB • Linux
Kubernetes • Jenkins • LaTeX • Git

AWARDS

MICROSOFT IMAGINE CUP US FINALS (2017)

5th place for work on Fluency
Advanced to the World Finals

MIT'S WEB PROGRAMMING COMPETITION (2017)

2nd place for work on Fluency

EXPERIENCE

REDDIT | PRODUCT MANAGER INTERN, ML TEAM

May 2019 - Present | San Francisco, CA

- Acting as a product manager intern for the ML team at Reddit which encompasses Feeds, Search, and Recommendations.

MIT HORIZON | PRODUCT MANAGER INTERN

Nov 2018 - May 2019 | Cambridge, MA

- Worked to determine product and platform requirements for a new product within MIT's Open Learning department
- Designed and created the marketing website for our product

GOOGLE | SOFTWARE ENGINEERING INTERN, GOOGLE ADS

May 2018 - Aug 2018 | Mountain View, CA

- Designed and implemented a new card for Google Ads Overviews
- Used Java for server-side code and Angular & Dart for front-end code
- Implemented the card with two system architectures to test which architecture could minimize the card's latency

DIRECTV | SOFTWARE ENGINEERING INTERN, SYSTEM ARCHITECTURE

Jun 2017 - Aug 2017 | Los Angeles, CA

- Designed and implemented an interactive capacity planning tool to help manage and maintain models of system architecture
- Used Java & MongoDB on the backend and Node.js & Polymer for the frontend
- Worked with Jenkins and ran dockerized microservice images on Kubernetes

LEADERSHIP

MIT CLASS COUNCIL | VICE PRESIDENT

Oct 2016 - Present | Cambridge, MA

- MIT class council organizes class-wide events to promote class unity and well-being.
- Elected yearly by the MIT Class of 2020 to serve as our class Vice President
 - Interface with MIT administration and write annual budgets to procure funding
 - Run large-scale events and publicize them to the student body

PROJECTS

UROP.GUIDE | DEVELOPER

Jan 2017 - Jan 2018 | Cambridge, MA

Created urop.guide, a website that helps students at MIT find undergraduate research opportunities.

- Wrote a web scraper that retrieves information from the original UROP listing website
- Designed the frontend layout and performed usability testing

FLUENCY | CO-FOUNDER AND DEVELOPER

Jan 2017 - Jan 2018 | Cambridge, MA

Created Fluency, a language learning application that connects foreign language students to help them practice speaking.

- Wrote a matching algorithm that pairs users based on their language proficiency, availability, and other settings
- Used WebRTC for video calling and Socket.io for live messaging