

# Kennedy Mesfun

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website: [kmesfun.github.io](https://kmesfun.github.io)

## EDUCATION

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### Laney College

August 2012 - May 2015

- A.A in Computer Science

### University of California, Berkeley

August 2015 - May 2017

- B.A in Computer Science (Cognitive Science)

Relevant Coursework: Artificial Intelligence, Advanced Data Structure and Algorithms, UX/UI Design, Database Systems, Machine Learning, Computer Networks

## EMPLOYMENT

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### Front End Developer

Codelearn.org

May 2013 - January 2015

- Assisted with the Android and Ruby tutorial from beginners to advance skills by building the front end of the main webpage using HTML/CSS.
- Monitored the phases of the software development process to ensure design quality by testing and prototyping the tutorials
- Lead a team of engineers to plan and develop future strategies for the company's growth with marketing strategies.

### Lab Assistant

University of California, Berkeley

August 2015 - December 2016

- Courses: CS61A, CS61B
- Held Office hours to assist in projects completion and help with efficient coding on homework assignments.
- Taught lessons on broader ideas of computer science and helped students with easier approaches to solving problems.

### Mentor

David E. Glover Education and Technology Center

January 2017 - December 2017

- Tutored and motivated in beginner coding languages (e.g. Scratch, App Inventor, Python and Java) to teach project-based learning philosophies
- Helped youth to develop their professional communication and presentation skills to help them deliver a pitch for their apps and ideas to potential technology professionals.
- Helped youth develop critical leadership and relational skills to build effective professional and educational networks.
- Assisted in creating and accomplish meaningful computer technology projects while building self confidence and artistic expression.

### Python Django Developer

BearFounders

December 2017 - present

- Designed and configured database, back end applications, and programs to create a webpage for users to add their organizations for UC students.
- Handled development and management of front end user interfaces with help of HTML, CSS and JavaScript
- Collaborated with the design team to convert end user feedback into meaningful and improved solutions.

## TECHNICAL EXPERIENCE (Projects)

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### StudyMuse (Node.js && DynamoDB)

- Used Amazon Alexa as a real time, dynamic interface to assist students in deploying recorded audio materials and other educational tools to help blind and visually impaired students in creating, navigating, and responding to conventionally text study materials.
- Designed a VUI with Alexa Lambda and created several prototype designs while iterating through the Software Development Life cycle to create a finished product.

### Facebook stock chat-bot (Javascript/Node.js)

- Designed and created a retrieval-based Facebook messenger chat bot using Javascript
- Used a web scraper to add company symbols and names to a CSV from the Nasdaq website and allows users to type the name or symbol and retrieve company news and prices

## Languages and Technologies

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**Programming languages:** *Proficient:* Python, Java

*Experienced with:* Ruby, C++, JavaScript, Matlab, C, R

**Additional Technologies:** Ubuntu, HTML/CSS, MySQL, Android, Apache Hadoop, Amazon EC2, Apache Spark, PHP, Django

*Other Skills:* Amazon Lambda, React.js, OpenCV, Sketch, Optimizely, Linux