

# Tesfahun Berhanu

Looking for a full time job as a software engineer

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## EDUCATION

**UC Berkeley, CA/Berkeley — Electrical Engineering and Computer SCience Degree**

Class of 2017, December

## EXPERIENCE

**Potters Hand Non Profit Counselling Center, CA/Pleasanton**  
- Software Engineer

May 2017 - July 2017

Understanding client needs, design the website from the scratch and testing it via cucumber and rspec.

**Laney College, CA/Oakland — Teacher Assistant**

May 2012 - May 2015

Helping students with homework and lab, covering some classes in the absence of the professor

## PROJECTS

### Bear git:

Building significant part of simpler version of git using C language, supporting commands like init, add, rm, commit, branch, checkout etc. I experienced how to use so many unfamiliar C library functions like fprintf, sprintf, fclose, frite, stdout for handling I/O etc.

### Text Editor:

Building simpler version of a text editor using Java that can be used to open, edit and save plain text files. It also handles cursor movement, word wrapping, backspace, mouse input etc.

### The game of Hog:

Building significant part of The game of Hog using Python. I experienced using high order functions, functional and OOP which involves understanding, extending & testing a large program.

## SKILLS

- C
- C++
- Scheme
- Java
- Python
- Ruby
- HTML
- CSS
- SQL
- JavaScript
- Ruby on Rails

## Non Professional Skills

Swimming--coach and life saver

Ping Pong--one of the best player once

## LANGUAGES

English, Amharic, Kiswahili

### **Ants vs Somebees game:**

Building significant part of this game using Python. I experienced functional and OOP which involves understanding, extending and testing a large program.