

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.