Tesfahun Berhanu

Highly motivated Computer Science Engineering graduate experienced in software design, development, testing, debugging, and implementation. · tberhanu@berkeley.edu 415-745-6011

EDUCATION

UC Berkeley   Berkeley, CA
Bachelor of Science Electrical Engineering and Computer Science   - December 2017

HANDS ON EXPERIENCE

Potter's Hand Counseling Center   Pleasanton, CA
Software Engineer(Student)   June 2017 | July 2017

- Implementing knowledge of Ruby on Rails framework, client side languages and testing via tools like Cucumber and Rspec in creating the company website from the scratch up to the deployment process.

Volunteer at Laney College   Oakland, CA
Tutor   May 2015

- Helping students in their technical classes like Math, Physics, and Computer Science.

SKILLS

Back End Languages and Frameworks:	Python, Django, Ruby on Rails, PHP, Java, C, C++
Testing Tools:	JUnit, Cucumber, Rspec, Selenium
Front End:	HTML, CSS, JavaScript, JQuery, Bootstrap
Other Technologies:	SQL, MySQL, Postgres, Apache

SOME OF THE PROJECTS

Potter's Hand: *Ruby on Rails, HTML, CSS, BootStrap, JQuery, Rspec, Cucumber*
https://whispering-peak-99132.herokua...
Our challenge was to meet their need of having an online community forum where the organization community can interact and support each other, while also maintaining a form of authorization and moderation.

School Administration: *Python, Django, HTML, CSS, BootStrap, JUnit*
https://schoolappbgs.herokuapp.com/
Providing school administrative platform where students, teachers and school administrations interact each other and create a better and efficient school atmosphere.

Bear git: *C Programming Language*
Building significant part of simpler version of git using C language, supporting commands like init, add, rm, commit, branch, checkout etc. Implementing C library functions like fprintf, sprintf, fclose, frite, stdout for handling I/O etc

Text Editor: *Java*
Building simpler version of a text editor that can be used to open, edit and save plain text files, including 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.

MISCELLANEOUS EXPERIENCE

Swimming
Worked as a lifesaver in a hotel swimming pool

Ping Pong
Elected as a member of Ethiopian National Ping Pong team once.

Languages
English, Amharic, and Swahili