



# Yoseph Habtewold

Software Engineer

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## PROJECTS

### Crankstarter

Live | Github [↗](#)

A kickstarter inspired web App used for crowdfunding, built using Ruby on Rails, React/Redux, PostgreSQL and AWS

Achievements

- Hashed and stored user password securely using BCrypt
- Enabled users to create, update and delete projects they own using forms that make the appropriate AJAX requests
- Implemented realtime dynamic search for filtering projects with keystroke event handlers and AJAX calls

### Javary

Github [↗](#)

A JavaScript library for handling DOM manipulation, inspired by jQuery and implemented using vanilla JavaScript.

Achievements

- I used XMLHttpRequest to make Function call scheduling and asynchronous requests
- Enables DOM Object manipulation with minimal overhead

### Robi Runner

Live | Github [↗](#)

A vanilla-JavaScript browser game utilizing canvas to draw the graphics.

Achievements

- Sprites and animations intuitively respond to gameplay
- Collision physics handle one-way barriers (platforms) as well as collectible items

## EDUCATION

### Web Development

App Academy

05/2017 – 08/2017

### Computer Science

University at Buffalo

01/2015 – 12/2017

3.5

Courses

- Operating System
- Databases
- Theory of Computation
- Algorithms
- Programming Languages
- Machine Learning

## SKILLS

Android Studio

C++

CSS

Git

HTML

Java

JavaScript

jQuery

Python

React

Redux

ruby

Ruby on Rails

SQL

Visual Studio

## WORK HISTORY

Vice President of Student Government and Board of Directors at Auxiliary Services Corporation. (02/2013 – 01/2014) [↗](#)

- Led my campus team to organize over 30 school events, and received an award for my success in doing so.

## LANGUAGES

English



Amharic

