Shalom Yiblet

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www.yiblet.me

Education

Carnegie Mellon University

BS in Computer Science
Presidential Scholar
Expected Grad date: May 2019
GPA: 3.72

Coursework

Great Theoretical Ideas in Computer
Science
Principles of Functional Programming
Introduction to Computer Systems
Machine Learing

Programming Languages

Java
Python
HTML / CSS / Javascript
C
Bash

Natural Languages

English (native)
Amharic (native)
Spanish (working)

Awards

National Achievement Scholar
Virginia Aerospace Science and
Technology Scholar
International Baccalaureate Diploma

Competitions

HackCMU | Google Sponsor Prize
Algorithms With A Purpose | best
freshman
TartanHacks | Organizer

Experience

Research Assistant | Carnegie Mellon

August 2016 - Present | Pittsburgh PA
Working in a research project in a research group lead by Professor Min Xu, to develop a new method to recognize and segment different parts of cells using using deep neural networks.

Software Engineer Intern | Facebook

June 2016 - August 2016 | Menlo Park CA
Developed an android app for people to asynchronously collaborate on music with their friends.

Director of Operations | Scottylabs

May 2016 - Now | Pittsburg PA
Currently Maintaining Scottylabs' servers and ensuring that they are operational.

Research Intern | United States Geological Survey

May 2015 - June 2015 | Herndon VA
Collected climate data from earth samples from 5 million years ago to develop a dataset used to computationally model climate change and global warming.

Project Intern | NASA Langley Research Center

July 2014 | Norfolk VA
Analyzed space travel at NASA, where I collaborated with scientists and students to design a manned mission to Mars. Presented a surface operations concept to business leaders and NASA officials. The presentation was live-streamed to over 30,000 online viewers.

Personal Projects

Newsifyly

July-2016 | github: yiblet/newsifyly
Developed an Android App that lets users seamlessly search and view news articles on their phone. I built a browser that would prevent websites from limiting the number of web pages the user could see.

Sync-Spotify

June-2016 | github: yiblet/syncspotify
Developed a node application that interfaces with the spotify application's internal server so that users can listen to songs in sync with their friends. I built both the backend server that handles syncing the users and the frontend node application.

The Tartan Website

February-2016
Currently in the process of overhauling the CMU school newspaper's website (thetartan.org). I'm working with a small team to develop the intranet that the student publishers used to write and post their articles to the website.

Completr

December-2015 | github: yiblet/completr
Developed an application that allows users to type up to 3 times faster by allowing them to autocomplete words on any application on Linux. Built with Python using my own neural network implementation.

CMFood

September-2015 | github: CMFood/CMFood
Wrote the facial recognition portion of Android Application that tracked the hours of CMU dining locations, and used facial recognition cameras to rate the length of the line and predict how long it would take to order food. Won the Google Sponsor Prize at HackCMU.