

Shalom Yiblet

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www.yiblet.me

Carnegie Mellon University SMC 2918
Pittsburgh PA 15283

Education

Carnegie Mellon University

BS in Computer Science

Presidential Scholar

Expected Grad date: May 2019

GPA: 3.72

Coursework

Machine Learning

Great Theoretical Ideas in Computer
Science

Principles of Functional Programming

Matrices and Linear Transformations

Programming Languages

Java

HTML / CSS / Javascript

C

Bash

Natural Languages

English (native)

Amharic (native)

Spanish (working)

Interests

Entrepreneurship

Data Science

Machine Learning

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

Tech Experience

Facebook | Facebook Intern

June 2016 - August 2016 | Menlo Park CA

Currently working in small team to build and deploy a new android application.

United States Geological Survey | Research Intern

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.

NASA Langley Research Center | Project Intern

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.

Scottylabs (student org) | Director of Operations

May 2016 - Now | Pittsburg CA

Currently Maintaining Scottylabs' servers and ensuring that they are operational. Additionally, I'm in charge of leading teams to develop new products.

Personal Projects

Sync-Spotify

June-2016 | github: [yiblet/syncspotify](https://github.com/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](https://github.com/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. It built it with Python using my own neural network implementation.

Directory API

October-2015

Wrote a Node webapp that acts as a wrapper over CMU's LDAP servers. The application allow other users to programmatically query if a given user is a student of CMU through simple HTTP get requests.

CMFood

September-2015 | github: [CMFood/CMFood](https://github.com/yiblet/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

Volunteering

Kiwanis Fishing

Aided the Alexandria chapter of Kiwanis International in giving inner-city children a wonderful leisurely and educational experience fishing and learning about the watershed.