

# Shalom Yiblet

[yiblet@cmu.edu](mailto:yiblet@cmu.edu)

(571)-447-1020

[www.yiblet.me](http://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

Introduction to Computer Systems

## Programming Languages

Java

Python

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

## Experience

### Carnegie Mellon | Research Assistant

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.

### Facebook | Software Engineer Intern

June 2016 - August 2016 | Menlo Park CA

Developed an android app, for people to asynchronously collaborate on music with their friends.

### 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 | Pittsburgh 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

### Newsifyly

July-2016 | github: [yiblet/newsifyly](https://github.com/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](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](http://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.

### 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