

# Shalom Yiblet

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Carnegie Mellon University SMC 2918

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## Education

### Carnegie Mellon University

BS in Computer Science

Presidential Scholar

Expected Grad date: May 2019

GPA: 3.72

## Coursework

Probability and Random Processes

Great Theoretical Ideas in Computer

Science

Principles of Imperative Programming

Matrices and Linear Transformations

## Programming Languages

Java

HTML / CSS / Javascript

C

## 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

## Work Experience

### Facebook | Facebook University 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.

## Projects

### 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

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

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.