

# Carlos Flores

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## EDUCATION

### Kean University

Union, NJ

BS in Computer Science

GPA 3.97

Expected Grad. May 2018

## SKILLS

### Programming Languages:

Most Experience: Java

Some Experience: C, C++, Python

HTML, CSS, Javascript

### Technologies:

Git, Android, Raspberry Pi, Pebble Smartwatch

### Languages:

Fluent Spanish

## COURSEWORK

Machine Learning

Data Structures

Computer Org. & Programming

Computer Systems

Discrete Structures

Matrix and Linear Algebra

## AWARDS

NSF CS S-STEM Scholarship

- Competitive academic merit scholarship from NSF

Dean's List 5/5 Semesters

## ACTIVITIES

Computer Science Tutor - Kean University

Active member of Kean University ACM

## RESEARCH

### Kean University

Feb 2017 – Present

Student Researcher

Studying the feasibility of using LSI method for classifying documents written in various natural languages. Using Spanish, Chinese and English as examples to try out the LSI method. LSI stands for Latent Semantic Indexing which is a commonality among different natural languages, which will be validated in this project.

## PROJECTS/HACKATHONS

### Loan It

An android app that displays loan amortization schedule. Aims to promote education and financial awareness of loan lending. Developed using Android Studio.

### DecideForMe

An iOS app that shows relevant places to sightsee/eat based on an user's tweet activity. Built with Ionic and Twitter/Yelp/Google Maps API

### Penguin Watchface

A watch face built for the Pebble Smart watch. Displaying time and date along with an animation. Developed in c with device compatibility in mind.

## EXPERIENCE

### Elizabeth Board of Education

September 2010 – Present

Personal Assistant (Special Education Pre-k)

Elizabeth, NJ

- Worked with a Speech Language Pathologist to create a suite of interactive learning activities and augmentative communication boards, using BoardMaker software
- Help to develop and maintain a highly organized and structured atmosphere in a constantly changing environment
- Implement problem solving skills when dealing with communication and behavioral issues on a daily basis
- Employ highly intuitive solutions when dealing with the needs of children with little to no speech ability