

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 Latent Semantic Indexing (LSI) for classifying documents written in natural languages (Chinese, English, Spanish). LSI identifies commonalities between natural languages and this research will validate the LSI approach.

PROJECTS/HACKATHONS AVAILABLE ON GITHUB

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 (Hack Cooper NYC, 2016)

An iOS app that shows relevant places to sightsee/eat based on a user's tweet activity. Team project built with the Ionic framework and Twitter/Yelp/Google Maps API. I developed the front end using HTML/CSS.

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 for a class of 11 special needs children
- 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 extreme behavioral issues on a 1 on 1 basis
- Employ highly intuitive solutions when dealing with the needs of 11 children with little to no speech ability