

# Anthony Malgapo

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## EDUCATION

### KEAN UNIVERSITY

#### BS IN COMPUTER SCIENCE

#### INFORMATION SYSTEMS

Expected May 2017 | Union, NJ

Conc. in Software Engineering

GPA: 3.0 / 4.0

## LINKS

GitHub.com:// [AnthonyMalgapo](#)

LinkedIn.com:// [AnthonyMalgapo](#)

## PROJECTS/HACKS

### whatisNodeJS

Self-made crash course on NodeJS taught to Kean University tutors

### ToDoList - jQuery

A todo list application made with primary jQuery use

Demo running on: [To Do List w/ jQuery](#)

### Hack Cooper 2016

Hackathon - The Cooper Union (NYC) - hacker

### Hack Kean 2017

Hackathon - Kean University - main organizer

## COURSEWORK

Database Management

Data Structures

Operating Systems

Object Oriented Design

Distributed Systems

Networking

Geographic Information Systems

Independent Study

Data Mining

Graduate Course

## SKILLS

### PROGRAMMING

Max:

HTML • CSS • JavaScript

jQuery • Java • PHP • MySQL

Mid:

NodeJS • C++ • Python

## INTERNSHIP

### PCC AEROSTRUCTURES | INFORMATION TECHNOLOGY INTERN

Summer 2015 - Summer/Winter Break 2016 | Wilkes-Barre, PA

- Maintained 3 major servers
- Pushed multiple major programs to machines (AutoCAD, Windows 7 Ent.)
- Updated all malware protection on all machines including company iPhones
- Built multiple, diverse machines for new company hires
- Worked on and completed over 15 projects

## RESEARCH

### KEAN UNIVERSITY: CS DEPARTMENT | HEAD UNDERGRAD AUTHOR

#### GEOGRAPHIC INFORMATION DATABASE SYSTEM

Fall 2016 | Union, NJ

An independent study with Dr. Ching-Yu Huang that consisted of mainly Geographical Information Systems, back-end design, and the way of thinking behind GIS and how it differs from general information systems. The article also goes into the use and implementation of geometric meta data along with storing within databases. Now published on: [World Journal of Engineering Research and Technology](#)

### KEAN UNIVERSITY: CS DEPARTMENT | HEAD UNDERGRAD AUTHOR

#### SKILLWALKER-WEB

Spring 2017 | Union, NJ

- SKII - Simple Kean Interactive Information
- Worked on main front-end development for web user to input/view events
- Helped on the back-end area using **NoSQL**
- Built with **AngularJS, Bootstrap, and MongoDB**

Demo running on: [SKIIwalker-web](#)

Github Repo found here: [GIS](#)

### GRADUATE COURSE: DATA MINING | RESEARCHER

#### STAR WARS IMAGE CLASSIFIER

Spring 2017 | Union, NJ

- An image classifier trained on Star Wars characters using **Tensorflow**
- Shows confidence level of each character, depending on the photo itself
- Over 4,000 training steps (optimal confidence level)
- Built with **Python and PHP**

Demo running on: [Whose That Star Wars Character](#)

## LEADERSHIP

### CODE SAMURAI | ACM CODE TUTOR

Spring 2017 | Union, NJ

- Tutored underclass colleagues 12pm-4pm, 4 days/week
- Established foundational leadership roles for underclassmen
- Gave crash course to other tutors on NodeJS

### HACK KEAN III | MAIN ACM COMMITTEE ORGANIZER

Spring 2017 | Union, NJ

- Stayed for the full 24 hour hack as an integral organizer
- Gave opening ceremony speech
- Helped any students with programming (mostly PHP and JavaScript)