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:// **Malgy**
LinkedIn:// **AnthonyMalgapo**
Gmail://**Anthony.Malgapo**

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
SKIIwalker-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)