

Marcus Greer

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//Objective

An internship for the summer of 2016 that challenges and develops my skills in software engineering while affording me the opportunity to contribute to the organization.

//Education

Carnegie Mellon University: May 2018
B.S. in Electrical and Computer Engineering

Tenafly High School: 2010 - 2014
Highest Honors (2011, 2012, 2013, 2014)
National Achievement Scholarship (2014)

Middlebury College: July 2009, July 2010
Learned Mandarin Chinese and Spanish in an immersion setting over two four week periods

//Courses

Introduction to Electrical & Computer Engineering
Fundamentals of Programming and Computer Science
Structure and Design of Digital Systems
Principles of Imperative Computation
Signals and Systems
Mathematical Foundations of Electrical Engineering

//Skills

JavaScript, Ruby, Python, Objective C, C#
Photoshop, Sketch 3, InDesign
Polite Fluency in Mandarin
Professional Fluency in Spanish

//Roles

National Society of Black Engineers (2014 – present)
Model United Nations (2011- present)

//Experience

StructuredWeb New York, NY: 2015

Software engineering intern. Worked with password encryption, database storage, web design. Using C#, SQL, ASP and HTML, created the infrastructure that allows the company to safely and securely store passwords even in the event a data breach.

Lemelson-MIT InvenTeam: March 2013 – May 2014
Developed a GPS watch to help reduce dangerous wandering episodes in Alzheimer's patients and communicated with other companies with the goal of marketing and distributing our product

Qualcomm DECA: 2016

A two-day conference that brings together top students from across the country to participate in workshops, network with Qualcomm employees, gain career advice, and learn about the wireless industry.

WRCT-Wireless World Radio: 2016 - Present

General member and Engineer in Carnegie Mellon based radio station and founding member/ reporter of a podcast that reports on fascinating and stories regarding CMU, the greater pittsburgh area and humanity

InstaEDU.com: 2015 – Present

Online Tutor to High school and College students in Calculus, Computer Science, Electrical engineering and other fields

//Projects

Rap Graph: Spring 2015

Used Python, the Twitter API and the IBM Watson API to Create a program that performs a lyrical analysis on musical artists' works, rank the complexity of their lyrics and assess their popularity on twitter

Katamari with Friends: TartanHacks 2016

Used JavaScript, JS 3D/ WebGL and the Facebook API to make a video game whereby users begin as a ball made to resemble their profile picture and collect objects made to resemble their friends' profile pictures changing the physics of their ball

MarcusGreer.com: Personal Website

Used JavaScript, HTML and CSS to create a showcase for my past, current, and future projects.