

# David Awad

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*"Maybe our favorite quotations say more about us than  
the stories and people we're quoting"*

**B.S. Computer Science Undergraduate Major, Minor in Music and Philosophy. May, 2016**

## Experience

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- **Infrastructure Engineering Intern** **Atlanta, Georgia**  
*MailChimp* *May 2015 – August 2015*  
Building, extending, and maintaining the email infrastructure used to power MailChimp software which handles over 6,000 requests per second and 10,000 new users per day.
- **Software Development Intern** **Princeton, New Jersey**  
*Addteq Inc.* *December 2014 – May 2015*  
I was responsible for completely redesigning and rebuilding our career portal from scratch using AngularJS and jQuery. Writing various unit tests to run on our production servers that will ensure performance on our commercial software. Setting up and deploying the ELK stack along with logstash forwarder and using it's interface to design effective routine server analytics. Unit testing for our web applications with CasperJS, PhantomJS and scanning utilities like WPScan to record errors on our JIRA. Basic Linux Administration as well as multiple different developer infrastructure builds such as configuring Apache-Tomcat with Jenkins or Stash and Bamboo.
- **Lead App Developer** **New Brunswick, New Jersey**  
*Robert Wood Johnson University Hospital* *November 2014 – April 2015*  
I worked pro bono as the lead developer on a Python Django application to be used internally to improve the efficiency of their service and organization for their busy attending doctors and pharmacists. I led a tight team of usually two to three other developers at a time.

## Skills

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### Technical Skills.....

- **Programming / Scripting Languages:** *C, JavaScript, Python, Java*
- **Markup Languages:** *HTML5, CSS3, SASS/SCSS, Markdown, LaTeX, HAML, Jade, XML*
- **Frameworks / Libraries:** *Flask, Foundation, jQuery, NodeJS, Android, CasperJS, Express.JS, Arduino*
- **Database Systems:** *MongoDB, SQL*
- **Dev-Ops Tools:** *Git, Travis-CI, Subversion, Docker, Stash*
- **Coursework:** *Operating Systems Design, Systems Programming, Computer Architecture, Database Management Systems, Data Structures, Web Design*

## Personal Projects.....

- **Spaceshare.me** *SpaceShare is a small project I created so that I could quickly and easily share files between any computers by simply associating an integer with whatever file you need. It uses Python-Flask with MongoDB and Foundation.*
- **Waves** *The Wave project is a social network for your brainwaves. It utilized an android app that interfaced with the Muse headband on android and allowed you to instantaneously tweet your brainwaves at anytime. You could log in with twitter, facebook, or github authentication. It was built using NodeJS, Express.JS, Jade, LESS, MongoDB, Twitter, Android and the Muse brainwave headband.*
- **I have many other Free and Open Source Software projects available on GitHub.**

## Extra Curricular Activities.....

- **Hackathon Experience**  
*Second Place HackNJIT '14, Third Place HackRU '13, IBM Bluemix Prize HackNY '15*
- **TA Experience**  
*Teaching Assistantship,  
PSY 90 introductory Positive Psychology course Course on happiness.*
- **Public Relations Manager**  
*Rutgers University Judo Club, Manage and Improve the representation of the Rutgers Judo Club*
- **Technological Coordinator**  
*Rutgers University Glee Club, Responsible for maintaining all the technologies.  
Such as the website, IT support and Data Management, Email Lists, etc.*
- **Hackathon Organizer**  
*Rutgers University Student Alliance of Computer Science, A member of the team responsible for all organizational aspects of planning the Bi-Annual Hackathon, HackRU.*

## Interests

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- I was on the soccer team for three years in High School and I've organized games between many different friends I'm close with every summer since I've graduated.
- I have been singing for over six years, I've been a member of the Rutgers University Glee Club for three years, and was in My High School Choir for three years before that. I've traveled with choirs to multiple cities on the east coast for performances and competitions such as Chicago, Illinois, and more recently Baltimore, Maryland.
- I've done four years of Musical Theater and placed in the top 5 in the STANJ competition my senior year of High School.
- I currently study Judo and have competed in multiple Judo tournaments with the Rutgers University Judo Team.