

# Dylan Madisetti

University of South Carolina Columbia 2017

Major: Mechanical Engineering

Minor: Computer Science

GPA: 4.0

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## Work Experience

### 2014. CloudCollege PBC. **Software Developer**

- Collaborated to build the CloudCollege product which has secured \$50,000 in seed funding.
- Expanding and improving an existing beta product into a consumer ready release.
- System administration for cloud based Django applications.
- Developed features in primarily Python, Coffeescript and Less with supplementary Node services, and enhanced internal API for possible 3rd party integration.
- Leveraged Twitter, Facebook and Instagram APIs for signup process and referral.
- Helped devise marketing and distribution strategy for product use and success.

### 2013 - 2014. Advance Manufacturing Research Laboratory (USC) **Research Assistant**

- Used 3D printing to prototype and test molds for new method of spin mold processing.
- Used circuit boards and Arduinos to create controllable environment for spin processing.
- Created a lab website to showcase projects and researchers.
- Assisted in lab measurements and apparatus setup for senior researchers.

### 2013. BoomTown LLC. **Software Developer**

- Worked extensively with over 600 Wordpress Multisite websites.
- Proficient knowledge and use of PHP, C#, Coffeescript and Less.
- Worked with team members, PMs and support to create a versatile and robust product.

### 2012 - 2013. Equiscript LLC. **Software Developer**

- Worked in both a small team and independently.
- Analysed large datasets to determine reliability and profitability of drugs.
- Ensured secure data transport adhering to HIPPA requirements for PHI.
- Filtered thousands of EMR records for target patients based on 340B eligibility and profit potential to enroll into company service.
- Developed in SQL, python, and Salesforce's Apex (very similar to Java).
- Provided elastic instance system administration.

### 2011 - 2012. Delphis LTD. **Web Intern**

- Built and designed websites for a small web development firm.
- First used HTML, CSS, PHP, and JavaScript in industry
- Fostered excellent research skills and a love for online programming communities.

## Notable Personal Projects

- **EventUp** Nodejs, Angular web app created to manage, schedule and promote events in the Charleston area. [goo.gl/V08JVd](http://goo.gl/V08JVd)
- **NoughtsCrosses** A small Tic-tac-toe AI implementing Google App Engine's GoLang framework, Google Cloud Datastore Datastore, Polymer and Dart. [goo.gl/ifWIL6](http://goo.gl/ifWIL6)
- **The Undergraduate Times** System Administrator and occasional developer for a group of undergraduate journalists and editors. [goo.gl/LsKKY5](http://goo.gl/LsKKY5)

## Clubs and Activities

2014. Cyber Security USC  
2013 - 2014. ASME/ACM USC  
2012 - 2014. PADI Advance Open Water Diver  
2008 - 2014. Member of R.E.E.F

## Honors

2014. 84%ile HackerRank Back2School sprint  
2014. President's List (USC)  
2013. Dean's List (USC)  
2011. Valedictorian (Orion Academy)