


## CONTACT

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## COURSEWORK

- Discrete Mathematics
- Data Structures
- Python for Engineers
- Fundamentals of Computer Systems
- Advanced Programming
- CS@CU Emerging Scholars Program
- Web Development

## SKILLSET

### **Programming:**

- JavaScript
- Java
- jQuery
- Python
- HTML/CSS
- MongoDB

### **Frameworks & APIs:**

- Twitter Bootstrap
- Meteor.js
- Flask & Jinja2
- Django
- Mailchimp API

### **Platforms/Technologies:**

- UNIX / Linux
- Git/Github
- CAD: Creo, Solidworks
- Eclipse
- Arduino Lilypad
- MakerWare

## EDUCATION

**Columbia University** | New York, NY

Expected May 2017 | GPA: 3.00/4.00

B.S. in Computer Science, Minor in Sustainable Engineering

## EXPERIENCE

**MIT Office of Engineering Outreach** | STEM Teaching Assistant

June 2014 - August 2014 | Cambridge, MA

- Was a core member of the teaching staff, conducting lesson plans in fundamental stem topics in mathematics and gave supplementary introductions to application development to rising seniors interested in technology, math and sciences

**Columbia Information Technology** | Laboratory Consultant

February 2014 - Present | New York, NY

- Assist lab patrons on a daily basis and operate university's technology infrastructure

## PROJECTS

**LilyLight** | Lilypad, Creo, MakerBot Mini, Digital Embroidery

- Used knowledge of CAD to design a board attached to an LED panel behind embroidered fabric. Learned to utilize tools within Maker Space.

**Fraandship Chat** | HTML/CSS, JavaScript, MeteorJS

- DevFest 2014 project to learn how to use MeteorJS
- Very simple chat app, focused on learning to integrate sophisticated front end tactics to a javascript framework

**Personal Website** | CSS, JavaScript, jQuery, Typed.js

- Design and website undertaken to learn web development .
- Always a work in progress. I test out techniques I see on other websites and implement them in my own way.

**HairSOS** | HTML/CSS, Jinja, Bootstrap

- Created a front end interface at NSBE Hackathon in March 2014.
- Was on a team with members who taught me how to template, utilize MVC, and Yelp! API interfacing.

## ACTIVITIES

**She++ College Ambassador** | Initiative Organizer

- I support technical initiatives that facilitate mentorship with Computer Science students and increase accessibility of computer science programs and classes to promote diversity of all types at our school and within our influence.

**Application Development Initiative** | Marketing and Finance Head

- I manage & monitor all of the marketing for the largest technical group on campus, meeting with administrators on objectives
- I increased our social media following by over 100% in less than 6 months
- Organize, learn from & teach technical workshops. Learned to contribute to Open Source Projects, specifically within the Civic & Governmental sectors