

**Tara V. Anand**  
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## EDUCATION

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<b>Barnard College of Columbia University</b>	New York, NY
Bachelor of Arts in Computer Science GPA: 4.0	anticipated May 2019

Dean's List Spring 2017, Fall 2016

Relevant Courses: Advanced Programming, Fundamentals of Computer Systems, Data Structures, Linear Algebra, Discrete Math

**Horace Greeley High School**

GPA: 4.1

Chappaqua, NY

Class of 2016

Valedictorian, Summa Cum Laude Honor Society, National Merit Commended Scholar, AP Scholar with Honor

## EXPERIENCE

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**Department of Chemistry, Barnard College**

New York, NY

*Teaching Assistant*

September 2017—Present

- Help students develop their laboratory techniques through providing constructive feedback on and grading lab reports

**IBM**

North Castle, NY

*Data Science/Software Developer Intern*

May 2017—August 2017

- Trained a machine learning model in Watson Knowledge Studio and BlueMix's Natural Language Classifier to annotate internal business documents for automatic metadata generation through data-term tagging
- Leveraged Gensim and Web Ontology Language to establish an entity type system to enhance ML model
- Created a user interface in NodeRED for Subject Matter Experts to view, verify, and correct term tags
- Designed and implemented a dashboard in NodeRED to calculate and display project metrics

**Girls Who Code, Columbia University**

New York, NY

*Teacher*

January 2017—Present

- Teach high school students web development skills and languages including HTML, CSS and JavaScript
- Work one-on-one with students to provide individual and personalized guidance

**New Castle Historical Society**

Chappaqua, NY

*Software Developer*

March 2014—November 2015

- Created an online interactive map using Java and HTML to mark and give directions to New Castle's historical landmarks ([www.newcastlehs.org/historic-new-castle/new-castle-landmarks/interactive-map/](http://www.newcastlehs.org/historic-new-castle/new-castle-landmarks/interactive-map/))
- Collected and consolidated data on over 50 historical landmarks in New Castle
- Outreach for historical awareness and landmark preservation

**Medical University of South Carolina**

Charleston, SC

*Summer Research Student*

June 2015—August 2015

- Conducted research on the gene x environment interaction between single nucleotide polymorphisms in the gene ITGAM and passive exposure to smoke during childhood in a population of African American women with systemic lupus erythematosus, using polymerase chain reaction tests
- Presented research at the Junior Humanities and Science Symposium (February 2016) and the Westchester Science and Engineering Fair (March 2016)
- Published article in the Columbia Undergraduate-Reviewed Journal (2016)

## Leadership

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**Department of Student Life, Barnard College**

New York, NY

*Orientation Leader*

August 2017

- Mentored and lead a group of nine first-year students throughout orientation to answer questions and guide transition to college
- Facilitated conversations on intersectionality, diversity, and sexual violence response and spoke at informational events on school courses and culture

**Columbia Organization of Rising Entrepreneurs (CORE), Columbia University**

New York, NY

*Operating Committee Leader*

January 2017—Present

- Founded and lead EVE (Entrepreneurship via Exploration), a semester-long immersive program for first-year students to learn about the NYC startup ecosystem through workshops, company visits, and facilitated discussions
- Plan and organize on-campus programs, panels and events on entrepreneurship and the tech industry

## SKILLS

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- Java, HTML, CSS, JavaScript, Python, NodeRED, C, C++
  - Watson Knowledge Studio