Tara V. Anand

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EDUCATION

Barnard College of Columbia University   **New York, NY**
Bachelor of Arts in Computer Science and Asian and Middle Eastern Cultures | GPA: 3.9/4.0   Anticipated May 2020
- **Honors:** Dean's List Spring 2018, Fall 2017, Spring 2017, Fall 2016
- **Relevant Courses:** Artificial Intelligence, Databases, Computer Science Theory, Advanced Programming, Fundamentals of Computer Systems, Data Structures, Computer Science and Java, Linear Algebra, Discrete Math, Probability and Statistics

Horace Greeley High School   **Chappaqua, NY**
High School Diploma | GPA: 4.1/4.0   Class of 2016
- **Honors:** Valedictorian, Suma Cum Laude Honor Society, National Merit Commended Scholar, AP Scholar with Honor

EXPERIENCE

Programming Systems Lab, Columbia University   **New York, NY**
Student Researcher   September 2018—Present
- Leveraging machine learning in research on identifying functionally similar code in complex codebases

Adobe Systems   **San Jose, CA**
Computer Scientist Intern   May 2018—August 2018
- Developed iOS App in Swift to process image metadata from users' photo library and highlight significant images
- Researched relationship between trends in image metadata information and user demographic information
- Served as a mentor for the Adobe Girls Who Code Program, meeting weekly with participant to discuss professional development skills
- Spoke on Women & Adobe's annual Intern Panel, discussing intern experience and sharing advice for students pursuing tech

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—May 2017
- Taught high school students web development skills and languages including HTML, CSS and JavaScript
- Worked 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 map using Java and HTML to mark and consolidate data on over 50 New Castle historical landmarks

Medical University of South Carolina   **Charleston, SC**
Summer Research Student   June 2015—August 2015
- Conducted research on the gene x environment interaction between polymorphisms in ITGAM and passive childhood smoke exposure in African American women with systemic lupus erythematosus, using polymerase chain reaction tests

LEADERSHIP

Columbia Organization of Rising Entrepreneurs (CORE), Columbia University   **New York, NY**
Executive Board Member   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

Department of Student Life, Barnard College   **New York, NY**
Orientation Leader   August 2018, 2017
- Mentored and led a group of nine first-year students throughout orientation to answer questions and facilitate conversations on intersectionality, diversity, and sexual violence response and spoke at informational events on school courses and culture

SKILLS

- Java, C, C++, HTML, CSS, JavaScript, Python, NodeRED, Swift, iOS, Unix, Github, Watson Knowledge Studio, IBM Bluemix Cloud Computing Solution, Tableau, Adobe Photoshop, Illustrator, Lightroom, InDesign, Agile Methodologies