

## **Ekta Rana**

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### **Education**

Stony Brook University

Expected Graduation Date: May 2020

Townsend Harris High School, Flushing, NY

Graduation Date: June 2016

Average: 3.8

### **Experience**

July 2016 at Google, Inc. as Computer Science Summer Institute Program Participant

Cambridge, MA

- Participated in an intensive 3 week programming institute where Google engineers taught participants how to develop web apps in HTML, CSS, Javascript, Python and Google AppEngine.
- Through the creation of various small projects I used Processing Js, HTML, CSS and AppEngine and created a game you can play at [superbob.appspot.com](http://superbob.appspot.com).

March 2016 to July 2016 at Khan's Tutorial Floral Park as Tutor

Floral Park, NY

- Teach K-12 children, helping them prepare for standardized tests
- Create lesson plans to target student's weaknesses and assign work
- Communicate to parents about improvement and how to help their children succeed

December 2015 at New York Hall of Science Computing Creations Camp as Instructor

Corona, NY

- Led elementary school students in using Scratch to create their own games
- Taught students to implement coding blocks to understand fundamental principles of computer science

July 2015 at Refinery29 as App User Interface Beta Tester

Manhattan, NY

- Reviewed the app "This AM" for the company R29
- Offered technical, design, and interface suggestions to improve app before launch

July 2015 to August 2015 at Girls Who Code Twitter as Student Intern

Manhattan, NY

- Learned backend and markup languages
- Worked with Twitter and Vine Engineers in training workshops
- Visited various tech companies

August 2014 to June 2016 at New York Hall of Science as Explainer

Corona, NY

- Interact with visitors and engage them in scientific conversation

- Facilitate learning and creativity in visitors
- Learn about exhibits, the content behind them and how to operate them
- Present demonstrations about scientific concepts to groups of visitors

July 2014 to September 2015 at New York Hall of Science as Innovation Institute Intern  
Corona, NY

- Designed and demonstrated products and presented ideas to audiences
- Created business and marketing models, learned about entrepreneurship
- Studied community dynamics and anthropology to create something of value

November 2014 to April 2015 School Art League Museum Experience Program  
Manhattan, NY

- Built portfolios and explored different museums in NYC
- Explored different careers in art and museum curation

August 2012 at Google Inc. as Student Intern  
Manhattan, NY

- Learning and teaching coding, computer science and other practical applications
- Led and managed an inspired team to innovate smartphone applications using AppInventor technology founded by MIT
- Researched and used amassed information to create computer applications and applets to interpret, catalogue and execute data input

### Skills & Abilities

- Possesses exemplary computer skills (Microsoft Office Word, PowerPoint, Google Drive, etc.)
- Languages: English, Hindi, Haryanvi, Urdu, Conversational Spanish
- Programming Languages: HTML, CSS, Python, JavaScript, Java, Processing Js

### Achievements & Awards

- AP Scholar Award (2015)
- Inducted into Archon National Honor Society at Townsend Harris High School (2013-16)
- Inducted into ARISTA National Honor Society at Townsend Harris High School (2013-16)

### Extracurricular Activities

- Stony Brook University Gray Hall Council President (2016-2017)
- Hindu Student Association Vice President (2014-2015); President (2015-2016)
- News Reporter for *The Classic*, Managing Editor (2015-2016)