

# Rahul Batra

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## EDUCATION

### **Thomas Jefferson High School for Science and Technology**

**Aug 2013 – Present**

#3 ranked High School in the nation

Current honor roll Junior with 4.0 GPA.

## EXPERIENCE

### **Leisure Projects/ HackTJ (Hackathon)**

**11<sup>th</sup> Grade - Present**

*Twenty-four hour coding competition*

- Developed UpNext, a social DJ web/mobile application for streaming music sets with friends. Different from SoundCloud, Spotify, etc. as changes in the order of a set will instantly show up for all other users. **(Lesiure)**
- Technologies Used: AngularJS, Firebase, Bootstrap CSS, HTML, JavaScript
- [rahulbatra.me/upnext](http://rahulbatra.me/upnext)
- Programmed and developed StringIt – a mobile application utilizing OCR and image processing to scan text, create, and add calendar events without user input. **(HackTJ)**

### **1776 Operations Intern**

**10<sup>th</sup> Grade Summer – 40 hour/week**

*Venture Capital Firm and Incubator*

- Added drag and drop comparative chart to help compare membership options
  - Simplified membership process and saved customers an average of 30 seconds per transition
  - Increased customer satisfaction from an average of 4 to 5 stars (20 samples).
- Designed Web App UI for a 1776 member company
  - Utilized Bootstrap CSS and provided framework that they adapted.
- Researched, evaluated, and introduced over 100 new incubators as possible partners for the 1776 startup competition

### **Samsung Mobile App Academy**

**10<sup>th</sup> Grade Summer – 40 hour/week**

*Summer program to teach mobile app development process*

- Developed AlmostThere – a mobile application that automates the process of alerting a parent on their child's whereabouts thus removing inconvenience in a situation where a child/parent forgets to check in.
- Created User Journey Wireframes, Application Screenshots, Competitive Analysis Charts, and Audience Summaries

### **TIE-DC Entrepreneurship Program**

**8<sup>th</sup> and 9<sup>th</sup> Grade Summer – 8 Weeks – 40 hours/week**

*Entrepreneurship program helping students network and turn an idea into a business*

- Constructed clickable wireframes for iOS/Android applications with Balsamiq Mockups
- Created Documentation for mobile application to assist programmer in development
- Recruited 10 parking garages as beta testers for our mobile app optimization plan.
- Drafted design patent for a consumer kite that generates and stores energy
- Application Number: 62040705 EFS ID Number: 19943087

### **dwinQ Summer Intern**

**9<sup>th</sup> Grade Summer**

*Social media marketing startup*

- Submitted over 100 Facebook Application profiles and open graph verbs

### **Active Minds Club – President**

**9<sup>th</sup> Grade – Present – 2 hours/week**

*Promoting mental health and wellness in the school community*

- Managing Facebook page and website which receives over 1000 views/week - <http://tjmindmatters.weebly.com/>
- 2015 Richard Slivoskey Grant Winner

## ORGANIZATIONS

- Model United Nations, Chair/Delegate **9<sup>th</sup> Grade – Present**
- Rust Library Teen Volunteer **9<sup>th</sup> Grade – Present**
- National Honor Society **9<sup>th</sup> Grade – Present**

## **HONORS AND SKILLS**

- 1<sup>st</sup> Place Award for TIE-DC Entrepreneurship Program x2 **June 2013, June 2014**
- National Honor Society Recognition **11<sup>th</sup> Grade**
- Verbal Commendation Award at Ivy League Model United Nations Conference **10<sup>th</sup> Grade**
- Advance proficiency in HTML, CSS, JavaScript, AngularJS, iOS Development – Ionic, Android Development – Java, SQLite
- Microsoft Product Suite, FL Studio, Logic Pro X, Fluent in English and Hindi, Working Knowledge in French