

# **Benjamin Chuang**

41 Livingston Avenue

Dobbs Ferry, NY 10522

BEN10CHUANG@gmail.com | BSCHUANG@gatech.edu | Cell 917.647.1612

## **EDUCATION**

**Dobbs Ferry High School**, Dobbs Ferry, NY

International Baccalaureate Diploma, NYS Regents Diploma with Advanced Designation with Honors, June 2017

**Georgia Institute of Technology**, Atlanta, GA

Major in Computer Science, Anticipated Graduation June 2021

## **SKILLS**

### **Programming Proficiency:**

- **Python:** Adept
- **C#:** Adept
- **Javascript:** Good
- **HTML:** Beginner
- **CSS:** Beginner

### **Others:**

- **Windows 7, 8, 10:** Familiar with OS
- **Actions on Google:** Good

## **ACTIVITIES**

**USA Archery Junior Olympic Archery Development (JOAD) Program**, Oct 2014 – July 2017

- Participated in weekly archery trainings at Gotham Archery, Brooklyn, NY.
- Practiced form, technique, and target shooting.
- Placed first at Gotham Archery's 2016 Summer and Winter Tournament.
- USA Archery Level 1 Certified Instructor.

**Dobbs Ferry High School Destination Imagination**, 2011 - 2017

- Member of a five student improvisational team.
- Solved dynamic, on-the-spot challenges using creativity, communication, and team work.
- Advanced to Global competitions in 2013 and 2011, and State in 2014.

**Dobbs Ferry High School Tennis Team**, 2013 - 2017

- Co-captain of 2017.
- Played doubles and singles.

**Dobbs Ferry High School Legislative Branch**, 2013 - 2017

- Annually elected student class representative.
- Improved and upgraded the school's technology infrastructure from Windows XP to Windows 7.
- Organized events to raise funds for organizations such as Blythedale Children's Hospital.
- Worked with the HS faculty on how to improve the current grading system and use available technology to better serve the students and the teachers in areas like communication.

## **Columbia University Science Honors Program, September 2016 - May 2017**

- One of approximately 400 students selected by the university to enroll in one university level science/math course per semester.
- Completed "Exploration in Data Science" in Fall 2016 and learned R programming language and the R Studio tool to automate traditional data analysis.
- Completed "Introduction to Electrical Engineering" in Spring 2017.

## **VOLUNTEER EXPERIENCES**

### **Kids Imagine Create Solve, November 2016 - April 2017, Dobbs Ferry, NY**

- Teacher's Assistant at Springhurst Elementary School's after-school STEAM enrichment program.
- Assisted in "Scratch for Beginners", "Game Design Coding in Scratch", "Curious Cooks: It's a Wrap".

### **Pixel Summer Camp, July 2016, New York, NY**

- Counselor-in-Training at a four-week technology camp for campers ages 7-9.
- Assisted instructors in teaching Java, Unreal engine, and Unity engine for campers to develop their own Minecraft Mods, racing, and virtual reality games.
- Named "CIT of the Week" for three consecutive weeks.

### **Summer Vacation Bible Camp, 2011 - 2016, First Baptist Church of Tarrytown, Tarrytown, NY**

- Co-Head counselor (2016) at one-week community outreach camp for ages 5-10.
- Responsible for approximately 20 campers and six junior counselors.
- Led campers through story time, snack, arts & crafts, music, and recreational activities.

### **First Baptist Children's Church, 2014 - 2016, First Baptist Church of Tarrytown, Tarrytown, NY**

- Teacher's assistant to approximately 10 children ages 3-11 for 12-week session, annually.
- Assisted teacher and children during story, snack, arts & crafts, and music time.

### **USA Archery JOAD Summer Camp, Aug 2015, Gotham Archery, Brooklyn, NY**

- Counselor to 15 children ages 8-12 during a weekend beginner camp.
- Instructed range safety, drills and skills, and monitored safety protocols while encouraging fun and sportsmanship.

## **WORK EXPERIENCES**

### **Internship at IIS-Corp, May – Jun 2017, Dobbs Ferry, NY**

- Interned with Mr. John Cavanaugh, the President of IIS-Corp.
- Learned the fundamentals of cybersecurity and data privacy.

### **Dobbs Ferry Memorial Park Pool, Jul - Aug 2015, Village of Dobbs Ferry Recreation Dept, Dobbs Ferry, NY**

- Checked guests at entrance for valid pool membership.

## **AWARDS/HONORS**

- 2017, Dobbs Ferry PTSA Community Service Scholarship Award
- 2017, Dobbs Ferry SPRING In-Our-Backyard Scholarship Award
- 2017, AP Computer Science Excellence Award

- 2017, February Dobbs Ferry HS Student of the Month Award
- 2016-2017, National Honor Society
- 2016-2017, French Honor Society
- 2016, The 10 Day Film Challenge New York, Best Film Nominee
- 2016, The 10 Day Film Challenge New York, Best Use of Character Nominee
- 2014, French Excellence Award

#### **OTHER INTERESTS & SKILLS**

- Snowboarding
- Bouldering
- Gymnastics
- Game programming using HTC Vive, C#, and Unity game engine
- Knowledge Python, Java