Raymond L. Guo

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EDUCATION

University of California, Berkeley - *Berkeley, CA*   AUGUST 2017 - PRESENT

Bachelors of Science, Electrical Engineering and Computer Sciences

Coursework: Multivariable Calculus, Structure and Interpretation of Computer Programs, Designing Information Devices and Systems I, Blockchain Fundamentals

Montgomery Blair High School - *Silver Spring, MD*   AUGUST 2013 - JUNE 2017

Math, Science, and Computer Science Magnet Program
GPA: 4.0   Weighted GPA: 4.87

EXPERIENCE

LIT, San Francisco, CA - *Developer*   SEPTEMBER 2017 - PRESENT

Designing a live-streaming and talent-showcasing social platform to be released within the next year. Website: www.littalent.com/

BidBox LLC, Bethesda, MD - *App Developer*   JUNE 2017 - JULY 2017

Trained closely with the CEO and co-founder of a startup, coding and marketing a new, educational Android app.

National Institutes of Health, Bethesda, MD - *Research Intern*   MAY 2016 - APRIL 2017

Implemented computer programming and bioinformatic tools to determine impacts of puromycin selection on gene expression levels in human red blood cells.

University of Maryland, College Park, MD - *Summer Intern*   JUNE 2015 - AUGUST 2015

Analyze Landsat data and images to determine the different types and amounts of land cover and vegetation dynamics throughout the United States.

AWARDS AND CERTIFICATES

- 2017 Cal Alumni Association Leadership Award
- Oracle Certified Associate, Java SE 8 Programmer
- Published Research: *Puromycin Selection Confounds the RNA-Seq Profiles of Primary Human Erythroblasts (2017)*
- 2017 Semifinalist, Regeneron (formerly Intel) Science Talent Search
- 2016 Honorable Mention, National Toshiba ExploraVision Science Competition
- National Merit Finalist, National AP Scholar
- 2015 Honoree, The State of Maryland Governor's Volunteer Service Certificate

EXTRACURRICULARS

- **2017 - Present, Mentored Project Member, UC Berkeley CodeBase:** Learning to build a full-stack web application from design to deployment using Django framework, front-end tech, and Git as a member of a tech consulting agency.
- **2017 - Present, Electrical Subteam Engineer, UC Berkeley Solar Vehicle Team:** Constructing a solar-powered car to be raced in the 2018 Formula Sun Grand Prix.
- **2015 - 2017, Captain, Co-Founder, MBHS Envirothon Team:** Competed in annual regional and national environmental science competitions. Obtained first place at 2017 regionals.
- **2014 - 2017, Director, MBHS Math Honors Society:** Organized math-related events, and tutored other students in math classes, from Algebra 1 to Pre-Calculus.
- **2013 - 2014, 2016 - 2017, Engineer, MBHS Robotics Team:** Competed in national and international FIRST robotics competitions.

SKILLS

- Proficient in Java, Python, HTML, CSS, JavaScript, Microsoft Office products, MATLAB, STELLA dynamic modeling.
- Experience in leadership, serving as a leader for many organizations and clubs in high school.
- Solid background in STEM, especially mathematics and computer science.