Resume – Abhinav Kurada

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Education

Columbia University SEAS Class of 2020 – **Egleston Scholar (Top .4% of Applicants)**
Advanced Math and Science Academy Charter School Class of 2016 w/Honors - Top 10 % in Class; 4.52 GPA

Major Accomplishments

2016   Co-Founder and Sponsorship Director of MetroHacks: (www.metrohacks.co) - a high school hackathon bringing over 200+ high school students to Microsoft's corporate headquarters in Cambridge for 30 hours of coding, building, and collaborating. We hosted our first hackathon on May 21-22, 2016 at One Cambridge Center and **I raised 30,000 sponsorship dollars** for the event. Coca-Cola Scholars National Semifinalist.

2015   Member of United States Geography Olympiad Team (USGO). The top four high school students (11th and 12th grade) in the country are selected to the USGO team to compete in the International Olympiad. United States JV Geography Olympiad National Champion both in **2014 and 2013**.

2014   Co-founder and Chief Financial Officer of Landme, a web service that helps high school student find meaningful internships, summer programs, and volunteer opportunities. The company was founded at MIT Launch, a highly selective business incubator, over the summer of 2014. In **2015**, the company was also admitted to Catapult, a Harvard accelerator for high school startups. Landme won Greatest Social Impact at a pitch competition hosted by Google Ventures. **We have helped over 10,000 HS students**.

2014   Captain of Fuel Economists, who were National Finalists in the Siemens We Can Change the World Environmental Challenge Competition. We created an aerodynamic mirror that was 60 percent better than the best commercial model. If implemented on a Class 8 truck, the mirror would save over $1600 per truck annually. We conducted product testing at the MIT Wind Tunnel and pitched our idea to many government agencies such as Mass DOT and the EEA, winning environmental awards.

2014   Captain and Founder of AMSA History Bowl team which was New England Champions, Small School National Champions, and 3rd place in Junior Varsity Nationals. Captain of AMSA Quiz Bowl Team which was the 2nd place in Small School Nationals. Rising Star at the tournament, finishing as the 2nd place underclassman in the country. Finished 9th in the nation in JV History Bee individual competition. In **2015**, AMSA finished as History Bowl Small School National Champions and 21st overall at Quiz Bowl Nationals. In **2016**, AMSA finished as Quiz Bowl Small School National Champions.

2013   TyE-Boston 10K business plan competition winning team member. Chief Technology Officer of Aajit Power, whose business idea involved a patent pending novel energy harvesting technique to improve fuel efficiency of class-8 trucks. Our team subsequently finished third in the TyE-Global 25K business plan competition.

Other Achievements and Activities
Science (other than Siemens - Fuel Economists)
- **Harvard University Internship**
    - 2015 Summer Research Intern at the Department of Biophysics at Harvard (Levine Lab). Involved with research on Gene regulation in E. coli by sRNA.
- **Boston University Internship**
    - Summer Research Intern at the Department of Health and Rehabilitation Sciences at BU (Girgenrath Lab) in the summer of 2014. Involved in muscular dystrophy research. Worked with rats that lacked dystrophin and tracked and graphed their response to a potential dystrophy curing drug named Losartan.

- **WPI Lab Internship**
  - Summer Research Intern at the Department of BioEngineering (Weathers Lab) in the Worcester Polytechnic Institute during the summer of 2013. Work involved monitoring the relative humidity in a mist reactor during various misting cycles. Using these readings, studied the flow rates and intervals that are optimal for plantlet growth.
- **Science Bowl (Captain of School's team)**
  - Team finished top 5 in New England both in 2014 and 2013.

Business (other than Landme & Aajit Power)
- **AMSA Business Club**
  - **Co-founded** a stock market and investment club for students to meet and discuss different stocks; the group participates in a variety of individual and club stock portfolio competitions such as the **Global Young Investors Organization (GYIO) where AMSA finished 1st in 2014**.
  - **Board member** of GYIO (2015 - 2016): In charge of outreach and recruitment in Northeast.
- **QwikMatch**
  - **Mentored** a TYE Mock Company and assisted them in marketing and management

Quiz Competitions
- **Quiz Bowl (Captain of Varsity Team – 9th -12th Grade)**
- **History Bowl & Bee (Captain and Founder of Varsity Team – 9th -12th Grade)**

Geography
- **United States Geography Olympiad (9th -12th Grade)**
  - 1st place in the nation – 9th and 10th

Mathematics
- **Math Team (President of School's Freshman team – 9th Grade and President of Newton Varsity Team – 10th Grade)**

Computer Science
- Developed **3D Mouse**: A unique Bluetooth driven motion-controlled communication device between two computers that can act ubiquitously as a multi-use flash drive, mouse, and controller. **Finished 2nd at MIT Blueprint Hackathon.**
- Developed **Curaté:** A three-tap experience suggesting app. Takes into account user personality, event proximity, time of day, time range, and money on hand. Utilizes Uber, Foursquare, and Yelp APIs and employs integration of Gaussian distributions to find the best match for each individual. **Finished in the top 5 at MIT Blueprint Hackathon.**

Volunteer Experience
Emerson Hospital
- Volunteered for **over 100 hours** in the summer of 2015 in the Patient Transport Department

St. Vincent Medical Center
- In the Summer of 2014 volunteered at St. Vincent Medical Center's Patient Records Department for **over 75 hours**.

Non - Academically Affiliated Activities
Basketball
- Member of Junior Varsity Basketball team in freshman and sophomore year

Computer Skills
- Proficient with Java, GIT, MATLAB, CAD (Solidworks), MS Office, HTML, CSS, Mathematica, Adobe CS6

* Please refer to my Linkedin profile at https://www.linkedin.com/in/abhinavkurada for more detailed information and other accomplishments.