DJ Jagannathan
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Education:

University of Michigan, Ann Arbor, MI
B.S.E. Chemical Engineering (2012-2016)

John Jay High School, Hopewell Junction, NY
(2008-2012)
- Top 4% of graduating class

Software Experience:

Founder, Project: Cinta (July 2013 – present)
- Designed and developed platform to encourage high school students to work collaboratively on innovative projects.
- Alpha testing is underway at high schools in Michigan

Front End Web Developer, Stamp.fm (May 2013 – September 2013)
- Built an online music tournament website from scratch in less than one month as part of a five member team
- Wrote HTML, CSS, JavaScript, and jQuery used on the site
- Gained over 100 unique user accounts in less than 3 days

Research Experience:

Bioinformatics Research, Professor Yongqun He Lab, University of Michigan, Ann Arbor, MI (2012-2013)
- Analyzed drug related adverse events in the Ontobee and MedDra databases and helped to conduct a statistical analysis on the clinical prevalence of these terms
- Co-authored manuscript recently submitted to multiple journals for review

Cell Biology Research, Professor Greg Longmore Lab, Washington University in St. Louis Medical School, St. Louis, MO (2011)
- The goal of this work was to better understand how cancer cells proliferate in the human body
- Dissected eye and wing discs from *Drosophila Melanogaster* larvae and pupae, stained them for the hakai gene, and viewed them under a confocal microscope
- Saw the effect of hakai gene presence on the formation of septate junctions at different stages in development

Other Experience:

Tutor, Kumon Math and Reading, Hopewell Junction, NY (2011-2012)
- Graded and helped students on their class work and homework

Participant, Design Immersion, University of Michigan, Ann Arbor, MI (August, 2012)
- Worked in team to develop strategy to promote healthy eating on campus
- Designed a Rube Goldberg machine to launch a ball at a target

Skills:

- Proficient in HTML5, CSS3, JavaScript, jQuery
- Basic Node.js, MongoDB , C++, Matlab
- Strong command of Italian