

Srinidhi Viswanathan

320 Memorial Dr.
Cambridge, MA 02139

srinidhi@mit.edu
(503)-329-7248

4100 NW 134th TER
Portland, OR 97229

EDUCATION:

Massachusetts Institute of Technology (2012 - 2016)

Candidate for Bachelor's Degree in Course 6, Electrical Engineering and Computer Science

Current Coursework: Introduction to Computer Science and Programming, Electricity and Magnetism

Westview High School, Portland, Oregon (2008 - 2012)

SAT: 2400, GPA: 4.65/4.00, National Merit Scholar, National AP Scholar

Relevant Courses: Multivariable Calculus, AP Statistics, AP Physics

WORK EXPERIENCE:

Brainchild Education Center

Math Tutor

Portland, OR

Sep 2010 – Jun 2012

- Drafted lesson plans and taught elementary and middle school students, introducing them to new math concepts and problem solving skills.

Department of Biological Sciences, Texas Tech University

Researcher - Clark Scholars Program

Lubbock, TX

Jun 2011 – Aug 2011

- One of 13 students out of 250 applicants nationwide chosen to participate.
- Investigated the influences of crude oil on the metabolic and genetic modifications of *C. pugetii* to optimize bioremediation of oil spills.
- Designed and developed a novel method of applying proteomics to bioremediation.

Oregon Health and Sciences University (OHSU)

Researcher – Partnership for Scientific Inquiry

Portland, OR

May 2009 – Aug 2009

- Examined the effects of calcium blockers on inhibiting retinal cell apoptosis by conducting immunoblotting analyses and western blots.

LEADERSHIP:

Key Club International – Volunteering Organization

Director of 8 high school key clubs

Sep 2008 – Jun 2012

- Created and implemented a website to coordinate weekly volunteer activities.
- Managed 20+ member board and pioneered the 'Honey Board' competition, increasing service by 20%.
- Organized the Portland Rally, a convention of 1,000 students with activities geared towards boosting service

Founder of 'Books for Doernbecher Children's Hospital'

Jun 2011- Jan 2012

- Promoted the venture to local community clubs and businesses, and raised over \$2,000 and purchased 400 new books for pediatric cancer patients.
- Applied for and won a \$500 grant from national non-profit organization DoSomething.org, and recognized as an AXA Achievement Community Scholarship winner.

Founder of 'HOPE for Japan'

Mar 2011- May 2011

- Spearheaded project to raise money for Japan tsunami relief efforts.
- Worked as a team to originally design T-shirts at Westview; oversaw the publicity campaign, and took the initiative to extend the project to the entire school district, fundraising over \$1,300 in one week.

AWARDS:

- Intel Science Talent Search Semifinalist (2012)
- U.S. Biology Olympiad National Semi-finalist (2011)
- U.S. Chemistry Olympiad National Semi-finalist (2011)
- PARADE Magazine's All-America High School Service Team Finalist (2011)

SKILLS:

Technical – Python, Java, Microsoft Office, Adobe

Languages – English, Spanish

Interests/Activities – Concert Choir, Piano, Science Bowl (Co-Captain), Math League (Co-Founder)