Rick Huang

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Education

2015–	**Candidate for B.S. in EECS**, *Massachusetts Institute of Technology*, Cambridge, MA. Declared sophomore standing, on track to graduate in 2018.
2011–2015	**High School Diploma**, *Amador Valley High School*, Pleasanton, CA, *GPA – 4.45*.
2014	**Concurrent Enrollment Student**, *The University of California*, Berkeley, CA, *GPA – 4.00*.

Experience

Jan 2016	**Cortina Access**, *Software Engineer Intern*, Santa Clara, CA. Tested and analyzed modifications to deep packet inspection and machine learning methods in C++ to classify peer-to-peer packets for setting up flow hashes to offload peer-to-peer data traffic between routers.
Nov 2013– May 2015	**StarLeague A***, *Instructor*, Pleasanton, CA. Taught problem-solving methods through rigorous problem sets to tackle math contests. Received Best Instructor Award at StarLeague A* Winter Camp 2013.
Jun 2014– Aug 2014	**Stanford School of Medicine**, *Summer Intern*, Stanford, CA. Worked in a bioinformatics laboratory to engineer a program using R to predict novel drug and adverse event pairings using a support vector machine on data extracted from clinical notes.

Projects

Jan 2016	**Omaha PokerBot**. Developed a self-sufficient pokerbot in Python for the MIT Pokerbots tournament by building conditioned Monte Carlo simulations for calculating hand equity and regression models for analyzing opponent behavior. Received first place in the daily casino tournaments, seventh place overall, and most creative strategy award.
Sept 2015	**MessengerPlus**. Worked on an application that recommends reconnecting with specific Facebook friends based on distribution of Facebook messages sent. Script also creates graphical analysis between multiple distributions.

Awards

Jan 2016	**1st Place, MIT Pokerbots Casino Tournament**.
Apr 2014	**USA Math Olympiad Qualifier**. Among the top 270 participants of the American Mathematics Competitions.
Mar 2014	**USA Physics Olympiad Semifinalist**. Among the top 400 participants of the USA Physics Olympiad.
Dec 2012	**USA Computing Olympiad, Gold Division**. Among the top 100 participants of the USA Computing Olympiad.

Leadership

Sept 2015–	**Harvard-MIT Math Tournament**, *Guts Round Director*, Cambridge, MA.
Oct 2011	**Pleasanton Math Circle (pleasantonmathcircle.com)**, *Co-founder, Web Developer*, Pleasanton, CA.

Skills

Basic	R, Java, MatLab, MySQL, Adobe Photoshop, Ruby, HTML, CSS
Proficient	C++, LaTeX, Python, Linux, Git