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## education

2014-Present Massachusetts Institute of Technology, Cambridge, MA Undergraduate

Pursuing a B.S. in Computer Science

2013-2014 Tufts University Preparatory Program, Medford, MA
Pre-college
2011-2014 Wuhan Foreign Languages School, Wuhan, China
High School

skills

Set | Programming Languages (each used for more than 2 years)

Ruby, Python, C++, Objective-C, Java

Set II Web and Native App Development

Ruby on Rails, PHP, HTML/CSS/JavaScript, AJAX, iOS app and HTML5 mobile app development

Set III Data structures and algorithms knowledge and research experience.

projects

2014 **BitStation, Co-founder, Designer & Coder** https://bitstation.herokuapp.com

Co-founded a BitCoin transaction and socialization platform for the MIT community. Built with Ruby on Rails.

Won the "Improving MIT" award in the BitComp competition.

2013 WFLSSU, Designer and Coder http://github.com/isundaylee/wflssu

Implemented my school's students union's electronic management system. Built with Ruby on Rails.

2012 **VOCABI iOS App, Designer and Coder** http://github.com/isundaylee/VOCABI-ios

Created an iOS app for English learners to enlarge vocabulary. Built with Objective-C and Cocoa Touch.

2012 WFLSer Alumni Site, Co-Founder, Designer & Coder http://github.com/isundaylee/alumni

Co-founded an alumni socializing site for my high school. Built with PHP.

research

Summer 2013 Interference Minimization Problem of Computational Geometry Tufts University

Designed and simulated a dynamic programming algorithm for interference minimization.

Summer 2012 Tile Assembly Tufts University

Studied the connection between 2-D tile assembly model and context free grammar.

major honors & awards

Jul. 2013 AP Scholar with Distinction. Passed 7 AP exams with score 5.

Apr. 2013 American Invitational Mathematics Examination (AIME) worldwide percentile 97%. USAMO qualifier.

Feb. 2013 American Mathematics Competition (AMC) 12 Distinguished Honor (Worldwide Top 1%).

Aug. 2011 28th National Olympiad in Informatics, Gold Medal

Selected into IOI China National Team Training Camp

leadership

2013 AP Computer Science, Volunteering Instructor

Taught official school AP Computer Science course including Java, OOP concept, and algorithms.

2012-2013 Student Council, Presidential Committee Member & Technical Counselor

Designed WFLSSU for membership management and workflow electronization.