Luke Zhuang

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Summary

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|  | Luke Zhuang is currently a senior at the Academy for Information Technology. He has a passion for mathematics and plans on studying mathematics as his major in university. Luke has recently started mathematics research and is working on a Cryptography system as his next project. Web design is also a skill that Luke learned at the Academy for Information Technology which he uses to design websites. Luke enjoys playing the piano and badminton in his free time. |

Extracurricular Activities

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|  | School Clubs   * President of Student Council 2013-2016 * President of Math League 2015-2016 * Science Olympiad 3rd place Medalist in “We’ve Got Your Number” * Future Business Leaders of America Top 8 at States Level * National Honor Society Member * AP Calculus tutor |
|  | Other Activities   * Active role in Gauss Mathematics Circle, Competition Event organizer * Tutor at Gauss Mathematics and Science for Competition Mathematics * Piano performer for 8 years * New Jersey Music Teachers of America 6 year High Honor winner * Piano Teachers Society of America 5 year Carnegie Hall performance * National League of Performing Arts Grand Winner 3 years * New Jersey Federation of Music Clubs 1st place winner, Rosenblum Award |

Experience

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| November 2014, 2015 | Captain, *Harvard-MIT Math Tournament*   * 7th place in Team Round 2014 * 4th place Guts Round and Top 50 Individuals in 2015 |
| November 2013, 2014, 2015 | Captain,  Princeton University Mathematics Competition   * 13th Place Power Round |
| January 2016 | Presenter,   Joint Mathematics Meeting   * Presented Number Theory mathematics research in Student Poster Session |
| February-March 2016 | Competitor in the Second Round,   Moody’s Mega Mathematics Challenge   * Using mathematical modelling and statistics and economic theory to solve a question, top 174 papers out of over 1000 |
| April 2016 | Presenter,  Garden State Undergraduate Mathematics Conference   * Full score presenter for Number Theory presentation |
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Education and Skills

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| 2013 | High School Enrollment,  Academy for Information Technology |
| 2013-2014 | Received 5 on AP Calculus BC and AP Chinese,  Academy for Information Technology |
| 2014-2015 | Received 5 on AP Physics C Mechanics,  Academy for Information Technology |
| 2014-2015 | Took AP Calculus BC class ,  Academy for Information Technology |
| 2015-2016 | Took Multivariable Calculus and Linear Algebra with Linear Programming class ,  Academy for Information Technology |
| 2015-2016 | Took AP Macro and Micro Economics, self-taught AP Statistics ,  Academy for Information Technology |
| 2012-2016 | Avid mathematics competition participant, AMC 10 highest scorer in school, AIME Qualifier 2014-2016 ,  Academy for Information Technology |
| 2007-2016 | Accomplished Pianist,  Academy for Information Technology |