

Michael Kaminsky

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Profile

I am currently a student at Marblehead High School interested in computer science, physics, and math. I enjoy programming, designing websites, robotics, and experimenting with computer vision and motion tracking.

Skills

Advanced programming skills, including familiarity with HTML, CSS, Java, C#, Swift, Scala, Haskell, LESS, Python, SQL, Go, and Bash. Advanced web and graphic design. Fabrication, 3D design, and electronics (such as soldering). Teaching, gained from introducing students to the basics of programming. Server administration, including cybersecurity.

Activities

Member of YMCA Swim Team

President of Marblehead High School Computer/Robotics Club

President of Marblehead High School Youth Arctic Club

High scorer on Marblehead High School Math Team

Member of MIT-Lincoln Labs Cyberpatriot team

Testing

780—SAT Math II subject test

780—SAT Biology subject test

5—AP Computer Science

5—AP Calculus BC

4—AP World History

Awards and Honors

Honor Roll at Marblehead High School

Received award from the *American Society of Microbiology* for *Massachusetts Science and Engineering Fair* project

Placed 3rd in Massachusetts in Cyberpatriot competition

Member of the *National Society of High School Scholars*

Represented YMCA swim team on regional and district levels

AP Scholar award

Represented Marblehead High School Math Team on state level

Education

MARBLEHEAD HIGH SCHOOL – 2012-PRESENT

Classes included AP Computer Science, AP Chemistry, AP Calculus BC, and AP English: Language and Composition.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY–SPRING 2015

Attended the classes *A Tour of Scala* and *Languages, Compilers, and Parsers*, both taught by MIT students through the HSSP program.

HARVARD EXTENSION SCHOOL–SUMMER 2014

Completed the courses *Dynamic Web Applications* and *Multivariable Calculus* through the Harvard Secondary Summer Program.

JOHN HOPKINS UNIVERSITY CENTER FOR TALENTED YOUTH– SUMMER 2013

Attended CTY chemistry class hosted by Skidmore University.

STANFORD UNIVERSITY– SUMMER 2013

Attended the EPGY(Educational Program for Gifted Youth) program, taking Cryptography. This course was taught by Simon Rubinstein-Salzedo, a postdoctoral fellow at Stanford University.

SALEM STATE UNIVERSITY– 2012-13

Attended classes via the dual-enrollment program. Successfully completed Java 1, Java 2, and Microeconomics, receiving A's in all three.

References

EBEN CROSS—EBEN.S.CROSS@GMAIL.COM

Researcher at MIT specializing in atmospheric chemistry

CHIAMAKA PORTER—CHIAMAKA.PORTER@LL.MIT.EDU

Head of community outreach at Lincoln Laboratories. Runs the MIT-Lincoln Labs Cyberpatriot team.