

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, especially on Linux systems. Fluent in Russian.

Activities

Created and Manage **codeyourcloud.com**, an online productivity tool

- Currently has more than 200,000 users
- Programmed from scratch without the help of any teachers or mentors

Member of YMCA (2006-2016) and High School Swim Teams (2012-2016)

- Assisted in the running of “Y for all” swim meets to raise funds for local YMCA
- Represented team on district, conference, and regional levels
- Participated in YMCA Winter Championships

President and Founder of Marblehead High School Computer/Robotics Club (2014-2016)

- Teach programming skills to students, both those with and without prior experience
- In charge of getting grants for the program

President and Founder of Marblehead High School Youth Arctic Club (2014-2016)

- Received grant to buy school supplies for elementary school in New Chaplain, Chukotka, Russia

Captain of Marblehead High School Math Team and high scorer (2012-2016)

- In charge of running practices and organizing meets, as well as teaching topics to newer members
- Represented team on regional and state level

Member of MIT/Lincoln Laboratory Cyberpatriot team (2014–2016)

- Represented team on regional and state levels, focusing on Linux
- Placed 3rd in Massachusetts

Member of North Shore Baptist Church Youth Group (2013–2016)

- Volunteered at Lifebridge soup kitchen in Salem, MA

Participate in open workshop sessions in Edgerton Laboratory, MIT (2015–2016)

- Created motion-tracking controlled camera mount using Microsoft Kinect

Honors

- Member of National Honors Society
- Received award from American Society of Microbiology for science fair project “The effects of weather on criteria air pollutants” (2013)
- Recipient of Columbia Book Award (2015)
- Received high school math, science, english, social studies awards

References

- Eben Cross, research scientist at MIT **escross@mit.edu**
- Chiamaka Porter, Outreach Coordinator for Lincoln Laboratory
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