

Matthew Sotoudeh

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<https://linkedin.com/in/matthewsotoudeh> - <https://github.com/matthewsot>

Objective

Looking for ways to utilize and expand my computer programming skills, as well as mentorship, tutoring, and educational opportunities.

Skills

Languages: Javascript, C, C++, C#, Python, PHP, MySQL, HTML, CSS, XAML, XUL

Frameworks + Tools: Kaldi, Tensorflow, .NET ecosystem, Javascript, HTML/CSS Gulp.js, Photoshop

Others: Chrome + Firefox extension development, education and tutoring, group leadership

Education

Lynbrook High School Senior, 3.9 GPA

2013 - 2017

Projects & Experience

Intel Corporation Labs Intern

July 2016 - Present

Working on research involving deep neural network compression. Particularly focused on speech recognition systems for ultra-low-power devices. I work primarily with C/C++ and Python.

Develop Summer Academy Co-Founder

July 2016 - Present

Created, organized, and instructed a summer academy teaching dozens of local middle school students website development and leadership skills. Currently working out details for a 2017 summer camp.

Action

November 2014 – Present

Lead software developer for Action, a Chrome and Firefox extension that makes meetings with Google Docs better. The product has managed thousands of action items since we started it, helping teams ranging from small school clubs to groups at U.C. Berkeley, Google, Microsoft, and more.

Lynbrook High School (LHS) Campaign

February 2014 - Present

I wrote the code behind LHS Campaign, which provides candidates for student office the opportunity to upload a profile picture, cover photo, contact info, and explanation of their positions on important school issues to create a customized campaign page.

Classfinder

May 2010 - Present

I built and continue to maintain Classfinder, a site for students in the Cupertino and Fremont Unified school districts to discover who will be in their classes during the upcoming school year. Classfinder is used by hundreds of students across multiple schools in the Bay Area every year.

Website Development Club Co-Founder/President

October 2014- Present

Co-founded our school website development club, where we teach high school students how to build websites using HTML, CSS, and Javascript. I have helped grow the club from fewer than five members to become one of the largest technology clubs on campus. Currently club president.

SharpSwift

June – November 2014

A C#-Swift transpiler. SharpSwift was one of the first projects to use Microsoft's open-source Roslyn compiler APIs and Apple's Swift programming languages.

More

See my Github profile at <https://github.com/matthewsot> for additional projects and source code.

Honors, Awards, & Publications

Future Business Leaders of America Winner

September 2014 – July 2015

My team won first place in the Future Business Leaders of America (FBLA) California Website Design competition with our website for Cycle Fitness, a fictional cycling store in New York City. My role involved building the fully responsive website, which includes an integrated Google Map, working shopping cart, and email confirmation system.

Future Business Leaders of America Winner

September 2013 – July 2014

My team won first place in the Future Business Leaders of America (FBLA) National E-Business competition with our website for a fictional band, Halcyon Echoes. The website supports interruption-free music playing, a slick parallax homepage, a fully-functional store and cart, mobile version, and more. My role involved building the front and back end of the website, as well as presenting to the FBLA judges at both the State and National FBLA conventions.

Best Application Winner, CodeDay Silicon Valley

October 2014

Featured Nokia Developer

March 2013

Nokia Developer Wiki Competition Winner

March 2013

For article: "Creating a Real-World, GPS-enabled WP8 Tag Game"

Nokia Windows Phone 8 Wiki Competition Winner

November 2012

For article: "Creating a Voice-Controlled Windows Phone 8 Music Information app with the Nokia MixRadio API"

Clubs & Interests

Co-Founder, officer, and incoming president of the Lynbrook Website Development Club.

Interests include computer programming, reading, technology, hackathons, and the Lynbrook High School Marching band and Wind Ensemble (where I have played clarinet and euphonium).

I also enjoy teaching others, and have helped teach local elementary schoolers clarinet and trumpet skills for the past two years.

Contact & More Info

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