

Matthew Sotoudeh

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

Skills

- Languages: Javascript, C, C++, C#, Python, PHP, MySQL, HTML, CSS, XAML, XUL
- Tools: Kaldi, Tensorflow, .NET ecosystem, Javascript, HTML/CSS Gulp.js, Photoshop
- Others: Education and tutoring, group leadership

Education

Lynbrook High School Senior, 3.9 GPA

Graduate June 2017

Experience

Intel Corporation - Research Intern

Jul. 2016 - Present

- Working on research involving deep neural network compression for speech recognition systems.
- Planning to publish research results in late-summer 2017
- I work primarily with C/C++ on the production side and Python/TensorFlow to experiment with new models.

Develop Summer Academy - Founder

Jul. 2016 - Present

- Created, organized, and instructed a summer academy teaching local middle school students skills they don't find in school
- Used logistics, communication, and teamwork skills, in addition to teaching and curriculum development

Action – Lead Software Developer

Nov. 2014 – Present

- Lead software developer for Action, a Chrome and Firefox extension that makes meetings with Google Docs better
- Action has managed thousands of action items, helping teams from school clubs to groups at U.C. Berkeley, Google, and Microsoft
- Built with Javascript, and created custom Gulp scripts to deploy to multiple browser targets at once

Lynbrook High School (LHS) Campaign – Lead Software Developer

Feb. 2014 - Present

- Built LHS Campaign, which is now Lynbrook's official online campaigning platform for student office candidates
- Uses ASP.NET and Entity Framework/SQL Server on the backend

Classfinder – Lead Software Developer

May 2010 - Present

- Web app for students in the Fremont Unified School District to discover who will be in their classes during the upcoming school year
- Used by over seven hundred students across multiple schools in the Bay Area every year

Website Development Club - Founder, President

Oct. 2014- Present

- Co-founded our school website development club, where we teach high school students 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

More at <https://github.com/matthewsot>

Honors, Awards, & Publications

Future Business Leaders of America – National Champion

September 2013 – July 2015

- First place winner in the Future Business Leaders of America E-Business and Website Design competitions
- Both involve building and presenting a business website, and competing against hundreds of teams across the country

Best Application Winner, CodeDay Silicon Valley

October 2014

Featured Nokia Developer

March 2013

Nokia Developer Wiki Competition Winner

November 2012, March 2013

For articles: "Creating a Real-World, GPS-enabled WP8 Tag Game" and "Creating a Voice-Controlled Windows Phone 8 Music Information app with the Nokia MixRadio API"

Interests

I have a particular interest in music, and have played the clarinet for nine years. I have also played the euphonium, and am currently learning the trumpet

I enjoy teaching others, and have helped teach local elementary schoolers clarinet and trumpet skills for the past two years in addition to my roles at Develop Summer Academy and Lynbrook Web Dev Club