

# Adam Kercheval

Boston, MA  
akerch.com

## Experience

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### Amazon - Cambridge, MA

#### Software Development Engineer, 2018 -

Currently working on the Alexa wake word team, with a focus on collaboratively designing and implementing “watermarking” technology to prevent false wakes when “Alexa” is said by a non-human source

### Amazon – Cambridge, MA

#### SDE Intern, Summer 2017

Worked on the Alexa Engine team and created a new tool that allows internal Alexa developers to more easily bundle together skills and resources when they're creating new functionalities for Alexa and Alexa-enabled products

### ImageMaker – Santiago, Chile

#### Software Engineering Intern, Fall 2016

Designed and coded front end for company's products and applications, using Angular, JavaScript, and HTML, on a Spanish-speaking team for Spanish-speaking customers

### Sqrrl – Cambridge, MA

#### Product Marketing Intern, Summer 2016

Managed messaging on company's blog and social media accounts through HubSpot, gathered and analyzed data on competitor products to enhance pitch effectiveness, and reviewed customer feedback and compiled strategies to improve product

### iThreat Cyber Group – Princeton, NJ

#### Intern, Summer 2015

Wrote and produced tutorial videos for company's cyber intelligence and research tools, developed and tested proxy browsing through Raspberry Pi and Tor, explored leads on potential spammers and hackers by finding connections in Whois, domain, and IP information

## Education

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### Tufts University – Medford, MA

Class of 2018

B.S. Computer Science and Spanish  
*magna cum laude* with highest thesis honors

## Skills

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### Programming languages and technologies:

C++, C, Python, Java, HTML, CSS, JavaScript, Android and Intel stacks, Haskell, R, ML, Angular, React, Scheme, x86, among others

### Human languages:

Spanish, fluent

## Projects

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### Thesis

*The Imbalance in Latin American Technology Production and Non-Native Language Computer Programming* (2018)

[akerch.com/thesis.pdf](http://akerch.com/thesis.pdf)

### Espy

Python translated into Spanish, so Spanish-speaking students can learn to code without learning English keywords

[github.com/akercheval/espy](https://github.com/akercheval/espy)

### Publication

*Blast Accusations for Cybersecurity Intel*  
published in 2600 Magazine, Spring 2019

### JumboCode

Boston Institute for Nonprofit Journalism:  
project lead (2017)

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