

# Max Krieger

student, engineer, designer

Boston, MA  
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http://a9.io

## EXPERIENCE

### MIT CoCoSci Group - Researcher

July 2017 - Present | Cambridge | cocosci.mit.edu

Conducting original research on program synthesis using techniques derived from human-inspired cognitive science and machine learning.

### Formlabs - Intern

July - August 2017 | Somerville | formlabs.com

Tackled projects & problems involved with web engineering for the 3D printing market.

### MAHacks - Organizer

August 2016 - June 2017 | Boston | mahacks.com

Organized, designed, and developed event details, brand identity, and website for a series of high school hackathons. The inaugural event hosted 100+ attendees.

## PROJECTS

### LiquidTime

Launched October 2016 | liquidti.me

Designed and developed a novel time management and planning app to help fight procrastination. Featured on the front page of Hacker News and Product Hunt and has logged thousands of hours of users' productivity.

### A-Frame Components

Released February 2016 | github.com/maxkrieger

Developed several open source components for Mozilla's A-Frame VR project. They focus on implementation of HTML5 graphics APIs for rendering interfaces, graphics, and information in a virtual world.

## EDUCATION

### Needham High School

2014 - 2018

**Robotics Team** - Captain of an award-winning 30+ member robotics team competing in a national competition run by FIRST.

**Linguistics Club** - Captain & Founder of the school Linguistics Club. Teach 10+ members fundamental concepts of human language, and train for the North American Computational Linguistics Olympiad.

### MIT Beaverworks

Summer 2016 | MIT

Participated in the first summer program modeled after MIT's 6.141 course, for the development of autonomous racing vehicles. Topics included computer vision, control systems, and localization.

## SKILLS

### Design

Sketch 3, Adobe Creative Suite, Blender, Maya, Zeplin

### Languages

Javascript (ES6), CSS3, SASS, JSON, Jade, Python, Java, Haskell, Ocaml/Reason

### Tools

GNU/Linux, Arduino, React.js, React Native, Electron, MongoDB, CouchDB, Webpack, Express, Bootstrap, Node.js/npm

### Principles

UX & HCI, Virtual Reality Design, Responsive Design, Information Architecture, Agile/SCRUM projects, Functional Programming, Object Oriented Programming, Open Source Contributions