

Louis Robert DeScioli

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Experience

UX Engineer for **Google Lens** New York, NY Feb 2020 - Present

- Leading UX engineering on Google Lens for Web, integrating visual search capabilities across Google's web services.

Augmented Reality UX Engineer for **Google Daydream** New York, NY Apr 2018 - Jan 2020

- Designed and engineered the first augmented reality experiences in the YouTube mobile app as part of pilot projects with a major movie studio and mobile gaming brand in the summer of 2018.
- Led UX engineering for v1 of the AR Beauty Try-on format.
- Built the production implementation of the UI for the AR Beauty Try-on format.
- Led UX engineering on an internal AR authoring tool.

Founder, Designer, & Developer for **Out Here Studio** Cambridge, MA Jul 2017 - Present

- Designed and developed a 5-star iPhone and iPad augmented reality game using ARKit and Unity.
- Pioneered novel mobile mixed reality environment interaction design.

Senior Designer & UI Engineer for **Sidekicks** Cambridge, MA Oct 2016 - Jun 2017

- Designed, developed, and shipped a new, vastly improved version of the Sidekicks autism therapy desktop web application, written in JavaScript using React and Firebase.
- Overhauled the company's user interface design system.

Head of Sales and Strategy for **Grove** Somerville, MA Apr 2016 - Jun 2016

- Led the sales & marketing team to reach a \$600K revenue goal that unlocked an investment tranche of \$1.2M.
- Led fundamental customer discovery and market research.

Lead Software Engineer for **Grove** Somerville, MA Jan 2014 - Jun 2016

- Built the software design and engineering teams from the ground up; managed as many as 10 people when the teams were at their largest.
- Architected and implemented two generations of real-time Internet of Things systems, spanning embedded and server platforms, written in C++ and Node.js, respectively.
- Developed and shipped a native iOS application written in Swift for v2 of the Grove Ecosystem.
- Ran a successful Kickstarter campaign, selling 125+ units at over \$3.3K each, securing over \$410K in revenue.
- Designed, developed, and shipped a mobile web application written in JavaScript with React for v1 of the Grove Ecosystem.
- Developed and operated internal dashboards for tracking engagement metrics and communicating with customers.
- Designed the company's internal leadership and decision making framework.
- Designed and developed three generations of the company website.

Embedded Systems Engineering Intern for **Vecna** Cambridge, MA Jun 2013 - Aug 2013

Lab Assistant for **6.00 - Intro to CS and Programming** MIT Sep 2012 - May 2013

Student Teacher for **MIT China Education Technology Initiative** Dalian, Wuhan, & Wuxi, China Jun 2012 - Jul 2012

Research Assistant for **Mediated Matter Group** MIT Media Lab Oct 2011 - Dec 2011

Volunteer Experience

Lead Instructor for **America on Tech** New York, NY Sep 2020 - Present

Mentor for **Pursuit** New York, NY Jul 2020 - Present

Mentor for **Reality Virtually Hackathon** Cambridge, MA Jan 2019

Mentor for **Resilient Coders** Boston, MA Jul 2017 - Jan 2018

Mentor for **NodeSchool Boston** Boston, MA Oct 2016 - Oct 2017

Director for **Technology Chapter Alumni Association** Boston, MA Aug 2014 - Feb 2017

Mentor for **HackMIT** Cambridge, MA Sep 2015, Sep 2016

Co-organizer for **Boston Urban Agriculture Meetup** Boston, MA Jul 2015 - Jun 2016

Co-organizer for **Boston Meteor Meetup** Boston, MA Nov 2014 - Sep 2015

President for **Delta Upsilon Technology Chapter** Boston, MA Aug 2013 - Dec 2013

Vice President for **MIT Interfraternity Council** Cambridge, MA Nov 2011 - Oct 2012

Research Assistant for **Dept. of Computer Science** USAFA Sep 2010 - May 2011

Education

Massachusetts Institute of Technology Aug 2011 - Jun 2014

Bachelor of Science in Electrical Engineering and Computer Science (6-2)
Concentration in Comparative Media Studies
Gordon Engineering Leadership Program
Undergraduate Practice Opportunities Program
Delta Upsilon & Theta Tau Fraternities

United States Air Force Academy Jun 2009 - Jul 2011

Transferred to MIT after sophomore year
Studied Computer Engineering
CS-26 and CS-11
Cadet Orchestra
Blue Bards - Pit Orchestra
Ultimate Frisbee Club Team

Kingwood High School Aug 2005 - May 2009

National Honor Society
Varsity Swimming
Varsity Track & Field
Orchestra
Beta Club