

# Meg Grasse

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github.com/meggrasse   linkedin.com/in/meggrasse   meggrasse.github.io

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## INDUSTRY & RESEARCH EXPERIENCE

### Apple

Incoming Engineering Intern, Apple Music, Jun 2017

### Delta Lab, Northwestern University

Undergraduate Researcher, Sept 2017 -

- Exploring techniques to maintain and translate across physical and digital representations of a single interface to improve mobile prototyping
- Paper under review at ACM UIST 2017

### Apple

SWE Intern, iOS Safari, Jun - Sept 2016

- Fixed a number of Safari-related issues in iOS 10
  - Designed and prototyped a new feature and was selected to present project to Craig Federighi, SVP of Software Engineering
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## LEADING, TEACHING & SOCIAL GOOD

### BuildHer (buildher.io)

Co-Founder & Corporate Outreach Chair, Apr 2017

- Co-founded Chicago's first student-run all-women's hackathon, providing a space for women interested in tech to learn new skills, build community, and create something they can be proud of
- Created sponsorship package and recruited 10 partner companies, doubling our funding target and allowing us to accept and fully finance all BuildHer applicants
- Mentored tech team in developing the BuildHer iOS app

### Women in Computing (eecs.northwestern.edu/wic)

Co-President, Mar 2016 -

- Oversee exec board and larger organization, ensuring we are accomplishing our goal of building community for women within CS at Northwestern
- Expanded our initiatives to empower members through building tech: instituting tech talks, weekly hack hours, and lightning talks as part of programming

### EECS 214 TA - Data Structures

Mar 2017 -

- Hold office hours to help with course material and programming assignments in C#
  - Lead weekly discussion sections and prepare practice problems
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## PROJECTS

### McGonagall, Delta Lab

- Designed and built a mobile prototyping system that translates a wizard-of-oz paper prototype to mixed-fidelity on a user's iPhone
- Architecture includes Meteor app and iOS Meteor client

### Dillo Day iOS App (bit.ly/dillo-day)

- Developed the 2016 & 2017 app for Northwestern's spring music festival, Dillo Day, implementing push notifications, track playback, deeplinks, UI redesign, and integrating Lyft/Zipcar functionality
- Over 2K downloads

### SmartClub

- Created an autonomous DJ that conducts sentiment analysis on crowd reaction to different songs and curates a setlist tailored to the taste of club attendees
  - Architecture composed of Raspberry Pi, iOS app, and laptop/speaker
  - Presented demo paper at SENSORNETS 2017
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## EDUCATION

**Northwestern University 2018, McCormick School of Engineering**  
**B.S. Computer Science, 3.5**

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## LANGUAGES & FRAMEWORKS

Objective-C, Swift, Javascript, Meteor, Node, HTML, CSS, C/C++, Python