

Meg Grasse

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INDUSTRY & RESEARCH EXPERIENCE

Delta Lab, Northwestern University

Undergraduate Researcher, Sept 2016 -

- Exploring techniques to maintain and translate across physical and digital representations of an interface to improve mobile prototyping

Apple

Engineering Intern, Apple Music UI, Jun - Sept 2017

- Fixed Apple Music and Media Player bugs in iOS 11
- Designed, prototyped, and implemented a new feature to improve user experience on Apple Music and throughout iOS

Apple

Software Engineering Intern, iOS Safari, Jun - Sept 2016

- Fixed bugs 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

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

Co-President, Mar 2016 -

- Augmented programming with tech talks and community-building events, doubling membership and furthering our mission of fostering a support system among women in CS at Northwestern
- Organize weekly Hack Nights and lead an intro to iOS tutorial once per quarter
- Increased Northwestern Grace Hopper attendance fourfold and presented to McCormick Advisory Council to attain funding

BuildHer (buildher.io)

Co-Founder & Corporate Outreach Chair, Jun 2016 - Apr 2017

- Co-founded Chicago's first student-run all-women's hackathon, providing a space for 80+ women from 18 universities to learn new skills, make connections, and build awesome tech
- Designed a 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

EECS 214 TA - Data Structures

Mar - Jun 2017

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

SmartClub

- Created an autonomous DJ IoT system, composed of a Raspberry Pi and iOS app, that conducts sentiment analysis on crowd reaction to different songs in order to curate a setlist tailored to the club's taste
- Presented demo paper at SENSORNETS 2017

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 on Apple App Store

McGonagall, Delta Lab

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

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

LANGUAGES & FRAMEWORKS

Swift, Obj-C & C, Javascript, Meteor, Node, HTML & CSS, Python