RHEA MANOCHA

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Education

Purdue University — Human Centered Design & Development (B.S.) — *Aug 2016 - May 2020*

Minors: Computer Science, Psychology, Management

Courses: Design Thinking in Tech, Foundations of Computer Graphics, Psychology

Amador Valley HS — High School Diploma — *Aug 2012 - Jun 2016*

Courses: Intro to Engineering Design, Principles of Engineering, AP Computer Science, Multivariable Calculus

Experience

Make School — iOS Developer — *Summer 2015*

- 8 week iOS Development summer program
- Designed and developed an app, Lend, that helps friends keep track of what they've borrowed from each other

ACE Coding — Branch Director — *Apr 2014 - May 2016*

- Organized ACE Code Day, a 300+ attendee event, by handling registration, creating promotional materials, reaching out to guest speakers, and teaching workshops on web design and STEM careers
- Taught weekly programming classes to 40 students

DECA — CFO, Social Media Correspondent — *Oct 2013 - May 2016*

- Managed finances, did administrative accounting for a 200+ member chapter
- Gained organizational, teamwork, & time management skills (10+ hrs/week)
- Learned business principles through creating business plans for different industries

Portfolio

Headphones VR — rheamanocha.me/vr — *Fall 2016*

- Designed a virtual reality headset to address portability and comfort
- Researching existing solutions, ideation, prototyping the headset, conducting user testing, and keeping consistent documentation

Lend — rheamanocha.me/lend — *Summer 2015*

- iOS application that allows friends to keep track of what they've borrowed from each other
- Designed user interface, conducted user testing, programmed in Swift

Filters for Me — rheamanocha.me/filters — *Mar 2015 - Present*

- Designing custom Snapchat filters (location-based photo overlays)
- Created 30+ filters for events and locations

Skills

Software: Photoshop, Illustrator, InDesign, Sketch, InVision, Balsamiq, Xcode

Programming: Java, Swift, HTML/CSS, JavaScript, Robot-C

Accolades

NCWIT — Certificate of Distinction — *April 2016*

- Awarded by NCWIT for Aspirations in Computing
- Recognizes young women in technology

AC Apps — Honorable Mention — *February 2016*

- Created concept for web application "Fit to Fight" that has users donate $1 to local organizations for every 1,000 steps they are under their Fitbit step goal