nancy yao

portfolio: nancyyao.me
github.com/nancyyao

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education

Northwestern University
B.S. Computer Science - Jun 2019
Segal Design Certificate
GPA: 3.916/4.00

computing skills

Objective-C, Swift, C++
(proficient)
Python, Javascript
(basic)

design skills

SolidWorks
HTML/CSS/Javascript
Adobe CC
3-D Printing

coursework

Design Thinking & Comm.
Human Computer Interaction
Industrial Design Methods
Industrial Design Projects
Solid Modeling: SolidWorks
Design Sketching
Software Project Management
Intro to Computer Graphics

experience

Instagram New York, NY
Software Engineering Intern, Metrics Infrastructure   *Jun 2018 - Sep 2018*
- Designed and developed an internal data visualization tool to allow employees on various teams across the company to better utilize and understand Instagram's logging framework on the iOS side

Instagram Menlo Park, CA
Software Engineering Intern, Video Infrastructure   *Jun 2017 - Sep 2017*
- Developed a solution to optimize video uploading on the iOS Instagram app
- Communicated with IG Direct engineers to help unify media uploads from different points in the app

CollabLab Evanston, IL
Research Assistant   *Nov 2016 - Jun 2018*
- Designed experiments with gaze visualizations to investigate eye-tracking applications in remote learning/collaboration; presented at **CHI 2018** (Montreal), received **NU Undergrad Research Grant**

leadership

MakerGirl
Co-Director & Co-Founder, Northwestern Academy   *Jan 2018 - Present*
- Organize bi-monthly 3D printing sessions to inspire girls aged 7-10 years to pursue STEM, reach out to local orgs and schools, and delegate tasks to general members

BuildHer Hackathon
Executive Board, Tech Team and Design   *Oct 2016 - Apr 2018*
- One of 14 members on the board for Chicago's first student-run women's hackathon
- Created website/iOS app, designed promo items, and co-led a web dev workshop at the event

Society of Women Engineers
Executive Board, Technology Director, Outreach Committee   *Mar 2017 - Mar 2018*
- Managed website, calendar, and email for our chapter of over 100 female engineers

projects

StruggleBus
- Worked in a team of 6 to develop a mobile app using Ionic/Angular, Firebase, and Facebook SDK that allows students to find and connect with Facebook friends interested in the same classes

Oyster *Disrupt the District - 6th Place*
- Designed an innovative dating web app using React Native and AWS hosting that encourages contributing to social good by connecting individuals based on mutual interest in volunteer events

IGNITE Mood *Lurie Children's Hospital*
- Worked in a team of 6 to create a React Native app for Chicago's Lurie Children's Hospital to allow hospital managers to track trends in self-reported mood and stress levels of hospital staff

Flexibrella *Eden Supportive Living*
- Worked in a team of 4 to come up with a solution for keeping Eden's wheelchair users dry in the rain; developed the idea through research, prototyping, user observations, and a final review

Mod
- Worked in a team of 5 to design a modular, adaptable dance apparatus to guide modern dance choreography with an aerial focus, for a dancer starting a novel independent dance company