nancy yao

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portfolio: nancyyao.me
github.com/nancyyao

education

Northwestern University
B.S. Computer Science - Dec 2018
Segal Design Certificate
GPA: 3.893/4.00

computing skills

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

coursework

Design & Analysis of Algorithms
Software Project Management
Practicum in Intelligent Info Systems
Intro to Networking

Design Thinking & Comm.
Human Computer Interaction
Industrial Design Projects

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 - Dec 2018*
- 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 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 *Course Project*
- 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, Course Project*
- 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

Passenger *MHacks*
- Developed an iOS app with Firebase and MapKit SDK to confirm users' arrival when traveling and send an automated text to a specified contact; enabled login, destination search, ETA calculation