

Tianyi Chen

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Education

New York University

M.S. in Information Technology, Integrated Digital Media Program
Relevant Courses: UX Design, Ideation and Prototyping, Design Social Platform

Sept. 2015 - Dec.2016

Pennsylvania State University

B.S. in Electrical Engineering, minor in Mathematics
Focused on Signal and Image Processing, Computer Vision

Sept. 2011 - May 2015

Professional Experience

SS Columbia, Design For America, Project Co-leader

May 2016 – Present

- Managed team agenda using Scrum and lead the ideation process, guided work from client needs and idea to project goals and deliverables
- Designed and optimized an after school-online game system to improve student social skills
- Created a set of personas and scenarios to reflect user flow which won approval by investors

Tandon Graduate Admission Office, Admission Assistant

Nov. 2015 – Dec. 2016

- Optimized a communication system between two teams for information and document exchange using Excel, largely increase application process efficiency
- Promoted NYU CSSA to Graduate Admission Office, supervised group communication, increased attendance rate of Admitted Student Celebrations in China Event

Gotham Space Agency, UX Designer

Oct.2015 - Nov.2015

- Designed wireframes, paper prototypes and interactive prototype for a satellite launching documentation website
 - Conducted user testing from contextual inquiry and A/B testing that supported 4 times design iterations
 - Helped the agency to narrow down and specify the tasks from 15 to 5 by interviewing 20 potential users, determined user interests using card sorting technique
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Research Experience

Learn for Access, Master Thesis

Feb. 2016 - Dec. 2016

- Developed an educational platform for website accessibility development using HTML, CSS and JavaScript
- Analyzed fact and cause of current web accessibility environment by interviewing the low vision community, social workers and developers
- Evaluated efficiency of current accessibility tutorial by conducting comparative and competitive analysis, and performing usability testing in 2 user scenarios

A-Mail, Application for Amazon Echo

Feb. 2016 - May 2016

- Conducted user research from contextual inquiries and surveys on 30 users with different ages and background
- Designed voice interface and user flow for the mail response system

OpenIDEO "Higher Education" Challenge

Sept. 2015 - Feb. 2016

- Originated and designed solution to increase the college graduation rate, and was selected as the top 24 ideas for this challenge
 - Collected data by interviewing 10 people from multiple backgrounds about their personal experiences and opinions regarding higher education in United States
 - Presented final solution using a 1 minute animation by AfterEffect
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Activities

Vice president of Propaganda team of Chinese Students and Scholars Association

Sept. 2011 – May 2012

- Managed the propaganda process for 3 events, created the agenda and delivered 2 projects 1 week ahead of schedule
 - Designed promotion strategy for the first PSU CSSA "Dream Project" live show, attracted around 200 audiences
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Skills

- **Software:** Axure, Sketch 3, Principle, Photoshop, InDesign, Illustrator, Audition, AfterEffect
- **Programming Language:** Working knowledge of HTML, CSS & JavaScript, C++, Matlab, Python
- **Language:** English, Chinese, Japanese