

# Xinran Wang

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## Education

### UNIVERSITY OF PENNSYLVANIA

B.S.E. in Electrical Engineering  
*magna cum laude*

Minor in Computer Science

GPA: 3.73

## Skills

### STRONG

Swift, Git, Javascript/ES6,  
HTML, CSS, Rx

### PROFICIENT

React, Redux, React Native,  
Grunt/Gulp, Python, Django,  
Java, Swagger, Bash, SQL,  
Splunk, Jenkins

### DESIGN

Sketch, PaintCode, Zeplin,  
Photoshop, Illustrator,  
InDesign

## Service

### UPENN ULTIMATE FRISBEE ASSISTANT COACH

Assistant coach of team;  
managed rosters, team  
conflicts, player development,  
practice planning, and in-  
game strategy.

Organized two tournaments  
for over 20 regional colleges.

### FIRST ROBOTICS MENTOR TEAM 4856 - DOUBLE X

Worked with high school  
science and technology  
students to design and build a  
competition robot.

Team placed 6th in the 2015  
NY City Regional Competition.

## Comcast NBCUniversal

2014 - Now

### MOBILE PERFORMANCE ENGINEERING LEAD, IOS ENGINEER - XFINITY HOME

- Lead and implement login-related features to reduce iOS and Android app startup times by >20%
- Coordinate with ten platform teams on multi-year projects (Single Sign On, Auth4All) to ensure smooth rollout to >1 million customers
- Build and maintain analytics dashboards to monitor performance, feature adoption rates, and platform stability
- Act as scrum master for team; work with product and business units in product design, project management, and feature delivery
- Present tech talks to share technical and system knowledge (Unit Testing, Reactive Programming, Design Standards)

### BACKEND & DEVOPS ENGINEER - CLOUD DVR

- Architected and implemented a distributed microservices-based cloud DVR solution to support video throughput of >35GB/s
- Established a containerized continuous integration and deployment system to manage deployment to multiple environments
- Presented tech talk series on distributed system architecture and the containerized CI/CD process to development team

### PROTOTYPE DEVELOPER, ENGAGEMENT SPECIALIST

- Created functional prototypes to showcase and present competitive analysis on emerging technologies to NBCUniversal brands
- Served as an internal consultant to key technology and business executives across NBCUniversal; engaged with external startups and partners on advancements in VR/AR, 3D printing, and IoT technologies

## DaisyDaisy Inc. ([daisydaisy.com](http://daisydaisy.com))

### LEAD SOFTWARE AND PRODUCT DEVELOPER

2014 - now

- Launched two iOS apps in the Apple App Store (NightOwl, Groupie)
- Work with remote teams to design and build mobile apps, sites, and backends for startups
- Lead project assessment, estimation, and planning
- Leaf app was featured and demoed at TechCrunch Disrupt SF 2015, generating over 10,000 preorders ([getleaf.co](http://getleaf.co))

## Other Projects

### CORETECH IOS DESIGN & DEVELOPMENT LEAD

2014 - 2016

- Led a remote five person team with no previous iOS experience to design and develop the Customer Timeline Portal and the #MeetComcast apps
- Created styleguides, static mockups, and interactive prototypes
- Participated in user testing and design critiques with team and stakeholders to iterate on designs

### WEB DESIGNER & DEVELOPER

2014 - 2015

COMCAST NBCUNIVERSAL HACKATHON SITE ([nbcuhackathon.com](http://nbcuhackathon.com))

Created a landing site and content management platform for Comcast NBCUniversal hackathons, with over 30,000 users

- Designed responsive mockups using modern design patterns
- Implemented site backed by a Django server with CMS platform
- Performed SQL database admin and Nginx setup