

# Jesse Wu

## UX Engineer / UX Designer

## Experience

### Charles Schwab

UX Engineer / 2016 - 2017

- Designed and coded prototypes featuring cutting-edge financial technology for Schwab Research & Development
- Practiced an iterative design process: gathered requirements from stake holders, interviewed and observed users, brainstormed and converged on ideas, designed mockups, and tested prototypes
- Integrated trending technologies such as natural language processing, voice interfaces, machine learning, and block-chain
- Presented prototypes to the CTO and other high-level executives
- Transitioned successful prototypes to production products
- Collaborated with designers, developers, and business leaders in an Agile workflow environment

### Georgia Tech

Graduate Teaching Assistant / 2017 - Present

- Teaching the fundamentals of user-centered design
- Guiding students through the product design process: research, ideation, early design, user testing, iterated design
- Providing feedback and guidance for students' design projects

## Projects

### Stock Market Sentiment Analysis

- Designed and coded an interface that produces a real-time sentiment attitude score towards a company's stock quote based on the press and social media
- Designed with Adobe Illustrator, Sketch, and Invision; Coded with HTML/CSS/JS, New York Times API, and IBM Watson API

### Conversation Topic Recognition

- Designed and coded an interface for a natural language processing engine that listens to live customer representative phone calls, recognizes the conversation topic, and recommends relevant solutions
- Designed with Sketch; Coded with HTML/CSS/JS, C#, and IBM Watson API

### Ice Road Trucker Auditory Interface

- Designed and coded an auditory interface for ice road truckers to help with fatigue, dangerous road conditions, and truck maintenance
- Designed with Sketch; Coded with Unity 3D and C#

### Pizza Delivery Improved Experience

- Designed a mobile experience for ordering pizza online in an efficient and enjoyable manner
- Designed with Adobe Illustrator, Sketch, and Invision

### Personal Finance Budget Tracker

- Designed a mobile experience that helps young adults keep track of their spendings
- Designed with Adobe Illustrator, Sketch, and Proto.io

## Education

### Georgia Tech

M.S. Computer Science / UX  
4.0 GPA  
2017 - Present

### Georgia Tech

B.S. Computer Science  
3.64 GPA / Highest Honors  
2012 - 2016

## Skills

### Code

HTML / CSS / Javascript  
Less / Sass  
jQuery  
Angular / React  
D3 Visualization  
  
Python  
Java  
C# / .NET

Object-Oriented Principles  
Algorithms  
Data Structures  
Agile Development

### Design

Sketch  
Adobe Illustrator  
Adobe Photoshop

Invision  
Proto.io  
Framer  
Principle

Iterative Design Process  
Contextual Inquiry  
Affinity Mapping  
Interaction Flow  
Rapid Prototyping  
Usability Testing

## Contact

### Portfolio

[www.jessewu.me](http://www.jessewu.me)

### Email

[jessewu@gatech.edu](mailto:jessewu@gatech.edu)

### Phone

512.264.5884