Jesse Wu
Product Designer / 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, iterative design, and user testing
- Providing feedback and guidance for students' design projects

Projects

Stock Market Sentiment Analysis

- Designed and coded an interfaced 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 & Human-Computer Interaction
4.0 GPA
2017 - Present

Georgia Tech

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

Skills

Design

Sketch
Adobe Creative Suite

Invision
Proto.io
Framer
Principle

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

Code

HTML / CSS / Javascript
Less / Sass
JQuery
Angular / React
D3 Visualization

Python
Java
C# / .NET
Swift

Object-Oriented Principles
Algorithms
Data Structures
Agile Development

Contact

Portfolio

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