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 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 / 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
Swift

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

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