Jason Du

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About Me

Programming Swift . Objective C . Solidity . Python . Java . C#
Frameworks Cocoa Touch . Core Data . UIKit . SwiftUI . URLSession

Experience

Kingdoms Beyond
Co-Founder

Remote
Nov 2017 - Present

- Oversaw a team of 10 team members for over 2 years to develop a blockchain based multiplayer role-playing game
- Architected key systems around blockchain to remain decentralized without compromising UX and security
- Designed a first of its kind protocol for token backed assets by leveraging decentralized finance protocols
- Managed development, design, partnerships, and marketing to launch with 2000 registered users and raising $30,000

Dynamic Signal
iOS Developer

San Francisco, CA
Sept 2016 - April 2018

- Integrated Texture to asynchronously fetch and render complex post data in a feed, achieving 60 frames per second while infinitely scrolling
- Mentored my team with bi-weekly presentations, leading to the adoption of Swift and the view-model design pattern by migrating existing and building new features towards Swift.
- Spearheaded the development of landscape and iPad design with constraints and additional UI components

Freelance
iOS Developer

Remote
May 2017 - Feb 2018

- Developed pixel perfect user interfaces with Auto Layout constraints according to the client's specifications
- Defined a protocol oriented approach to for modules to be scalable for future developers

Amaya Software
iOS Intern

Toronto, ON
Jan 2016 - April 2016

- Researched and developed a proof of concept companion app on the Apple Watch for PokerStars with WatchKit

Projects
dujason.com/projects

EtherScan Client
Jan 2020

- Built a lean networking client through URLSession to receive and send native objects to the EtherScan's RESTful API by using the Codable protocol
- Published to CocoaPods and made the project open source for developers to integrate seamlessly with two lines of code

App Store
Jan 2015 - Present

- Launched multiple apps on the App Store with a cumulative 50,000 installations and 200 daily active users.

Hackathons
March 2016 - Present

- Attended 16 hackathons from MLH, AngelHack, and ETHGlobal and received 18 awards and prizes

Education

University of Waterloo
Honours Bachelors of Mathematics, Computer Science and Entrepreneurship Minor

Waterloo, ON
Expected April 2020