

Jason Du

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About Me

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

- Launched 4 apps on the App Store with a cumulative 50,000 installations and 200 daily active users.
- Attended 16 hackathons from MLH, AngelHack, and ETHGlobal and received 18 awards and prizes.

Experience

Ethereal Games Inc Remote
Creator / Blockchain Developer Nov 2017 – Present

- Oversaw 10 team members for over 2 years to develop a blockchain based multiplayer role-playing game.
- Developed a smart contract protocol for token backed assets by leveraging decentralized finance protocols.
- Managed development, design, and marketing to launch with 2000 registered users and raised \$30,000.

Dynamic Signal San Francisco, CA
iOS Developer Sept 2016 – April 2018

- Led weekly presentations, resulting in the adoption of the view-model design pattern and testable code.
- Migrated a significant portion of the code base to Swift by building new and existing features in Swift.
- Spearheaded the development of landscape and iPad design with constraints and additional UI components.

Freelance Remote
iOS Developer May 2017 – Feb 2018

- Modularize core features of the client's app enabling reuse across apps, saving the team hundreds of hours
- Developed pixel perfect user interfaces with Auto Layout constraints according to the client's specifications.

Amaya Software Toronto, ON
iOS Developer Jan 2016 – April 2016

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

Projects

dujason.com/projects

Mozilla Spring MVP Lab Apr 2020 – Present

- Awarded \$10,000 to build and launch a minimum viable product related to helping small businesses in need.
- Mentored individually by serial entrepreneurs with potential for future venture capital funding.

EtherScan Client Jan 2020 – Present

- Built an open source networking client in Swift for EtherScan's RESTful API and published to CocoaPods.
- Integrated URLSession for handling network requests and the Codable framework to decode objects natively

Convey Nov 2019 – Present

- Received a \$10,000 grant from Consensys Grants to develop a decentralized messaging protocol and platform.
- Authored an application level standard towards messaging and broadcasts through Ethereum smart contracts.

Education

University of Waterloo
Honours Bachelors of Mathematics, Computer Science and Entrepreneurship Minor Sep 2014 – Apr 2020