

# Jason Du

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## About Me

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**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

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**Ethereal Games Inc** REMOTE  
CREATOR / BLOCKCHAIN DEVELOPER NOV 2017 - PRESENT

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

**Dynamic Signal** SAN FRANCISCO, CA  
iOS DEVELOPER SEP 2016 - APR 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.
- Developed landscape and iPad design with Auto Layout constraints and programmatic UI components.

**Freelance** REMOTE  
iOS DEVELOPER MAY 2017 - FEB 2018

- Modularized core features of the client's app to enable reuse across apps, saving the team hundreds of hours.
- Developed intuitive designs and features based on the client's initial proposal, exceeding their expectations.

**Amaya Software** TORONTO, ON  
iOS DEVELOPER JAN 2016 - APR 2016

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

## Projects

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[dujason.com/projects](http://dujason.com/projects)

**Mozilla Incubator** APR 2020 - PRESENT

- Selected from over 1500 applicants and awarded \$10,000 to build and launch a platform to connect local farmers and businesses to consumers
- Architected an eCommerce app to purchase produce through a group buy system using MVVM and RXSwift
- Used dependency injection to test networking and image caching features and defer the final implementation
- Designed core features in Figma and implemented them with programmatic layout and constraints

**Convey** NOV 2019 - PRESENT

- Received a \$10,000 grant from Consensus Grants to develop a decentralized messaging protocol and platform.
- Owned and designed an application level standard towards messaging through blockchain smart contracts.

## Education

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**University of Waterloo** SEP 2014 - APR 2020  
Honours Bachelors of Mathematics, Computer Science and Entrepreneurship Minor