Gray Zhen

Software Developer

- Gray Zhen
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- Oklahoma, United States

ABOUT

- Passionate on iOS/Swift/SwiftUI, self-taught iOS developer who is enjoyed working on iOS development in free time.
- Organized, collaborative, skilled web developer with four years of professional experience in web development.
- Experienced on remote working closely with other engineers, design team, marketing team, advertising team and product owners.

WORK EXPERIENCE

Sparq - Software Developer (2020 - Current)

- Implemented and tested application functionalities to ensure successful operations across all platforms.
- Designed and implemented reusable components and functions, in order to reduce code redundancy and boost development efficiency.
- Improved and maintained the core web vitals metrics, resulting 30% reduction in page load speeds and 20% increase in performances.
- Developed new tools for web applications along with third-party software integrations.

Freelance - iOS Developer (2018 - 2022)

- Developed custom UI views based on the SwiftUI and UIKit frameworks.
- Developed features to store data locally and cache temporary data.
- Performed unit testing and defect fixing to meet clients specifications.
- Performed code refactoring to improve maintainability and allow extensibility.

Education

Southwestern Oklahoma State University, Weatherford OK

Bachelor of Science in Computer Science (2011 - 2016)　　　　GPA: 4.00

Bachelor of Science in Mathematics (2011 - 2016)　　　　GPA: 3.93

Graduation Project:

Building a mobile app using Android Studio and Java.
The app includes the functionality to solve geometry problems based on a bunch of predefined math formulas, and the game functionality that generate math problems randomly, to help users practice what they have learned.

SKILLS

iOS Development:
- Xcode
- Swift
- SwiftUI
- Core Data
- Combine
- URLSession
- Unit Testing
- UIKit
- Auto Layout
- CocoaPod
- Design Patterns(MVC, MVVM)
- Third Party API integration

Web Development:
- HTML
- CSS
- Javascript
- Typescript
- Jest
- SQL
- Elixir
- Unit Testing
- Phoenix
- React
- Vapor
- Networking

Other tools:
- GitHub
- CircleCI
- Jira board
- Figma

HOBBIES

- Anime/Manga/Game
- Meditation
- Reading books
- Cooking
- Jogging

LANGUAGES

- Cantonese
- Mandarin
- English
- Japanese (Learning)

Immigrate	Education	University	Naturalization	Software developer
To US from China	Clinton High School	SWOSU	Became US Citizen	iOS Developer
2007	2007 - 2011	2011 - 2016	2015	2016 - Current