

# Iris Wu (Pei-Yun, Wu)

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## SUMMARY

With two years of hands-on iOS development experience, I excel in Swift, SwiftUI, and Apple frameworks. I have successfully managed the full development lifecycle, delivering robust and user-friendly applications. My collaborative approach and skills in performance tuning, threading, and on-device storage ensure high-quality results. I am detail-oriented, innovative, and eager to contribute to impactful software projects.

## WORK EXPERIENCE

**Independent iOS Developer**  
*Self Employed*

**London, United Kingdom**  
March 2024 – Now

- Engineered iOS applications, integrating SwiftUI and Combine to refine skills and adopt modern practices
- Maintained GitHub repositories to ensure code quality and control, showcasing growth and expertise
- Created a portfolio website to clearly present projects, skills, and technical strengths

**iOS Developer Trainee**  
*AppWorks School*

**Taipei, Taiwan**  
June 2023 – Nov 2023

- Developed and launched an app within a tight deadline of 5 weeks, enabling exploration of art activities and nearby venues with 3D navigation, real-time data, personalised recommendations, secure storage, and comprehensive testing
- Effectively collaborated with Data and Android teams using the Agile Scrum framework to deliver a fully functional e-commerce app. Within a week, integrated 7 new features, including personalized recommendations, favorites management, chatbot customer service, and store exploration, to enhance functionality and user experience

**IC Packaging Draftsman**  
*Greatek Electronics Inc.*

**Miaoli, Taiwan**  
Sept 2017 – July 2022

- Produced over 1,200 detailed engineering drawings annually for wire bonding, ensuring high standards of accuracy
- Enhanced overall customer satisfaction by engaging with over 30 customers monthly, effectively resolving issues and receiving positive feedback

## PROJECT EXPERIENCE

**Culturist**  
*GitHub: [Culturist](#) | App Store: [Culturist](#) | YouTube Demo: [Culturist Demo](#)*

Developed and launched an app within 5 weeks, enabling exploration of art activities and nearby venues with 3D navigation, real-time data, personalised recommendations, secure storage, and comprehensive testing

- Executed immersive 3D navigation experiences employing ARKit and SceneKit
- Integrated real-time data through RESTful APIs and personalised recommendations with algorithms
- Employed Firebase for secure user data storage while implementing Sign In with Apple for enhanced login security
- Ensured application robustness and reliability through comprehensive unit testing

**STYLISH**  
*YouTube Demo: [STYLISH Demo](#)*

Effectively collaborated with Data and Android teams using the Agile Scrum framework to deliver a fully functional e-commerce app. Within a week, integrated 7 new features, including personalized recommendations, favorites management, chatbot customer service, shopping list, and store exploration, to enhance functionality and user experience

- Applied Agile methodologies throughout the development process, including sprint planning and retrospectives, utilising GitHub for version control to ensure efficient collaboration and code management
- Implemented Auto Layout and Core Animation to accurately replicate provided design mockups, ensuring precise presentation and fidelity to original designs
- Utilised Core Data for efficient local data storage and management
- Collaborated seamlessly with the Data team to design and implement UI A/B tests, gaining experience in optimising user interfaces for enhanced engagement and conversion rates

## EDUCATION

**Chang Gung University**  
*Bachelor of Industrial Design, Product Design Section*

**Taoyuan, Taiwan**  
Sept 2013 – June 2017

## SKILLS

Software: Swift, SwiftUI, Git, GitHub, Figma  
Languages: English, Mandarin Chinese