




CHRISTOPHER WILSON

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EXPERIENCE

AUGUST HOME

Lead Software Engineer - Mobile SDK
May 2021 – Present

- Leading team of 4 developers tasked with building Software Development Kits (SDKs) for Android and iOS platforms. These tool suites enable seamless integration of August and Yale Smart Devices into existing mobile platforms
- Maintain key partnerships with industry leaders such as Zillow, ADT, and STRATIS; supporting their business needs, increasing market reach, and providing profitability as the companies sole recurring revenue stream
- Trusted expertise in leading, hiring, and growing talent within the SDK team, as well as supporting the Mobile group as a whole
- Provide technical direction on best practices related to API Design, Software Architecture, and consumer IoT

GE LIGHTING, A SAVANT COMPANY

Lead Software Engineer – Mobile Applications
October 2019 – May 2021

- Lead development of Android and iOS SDKs to support business growth and expansion for future Smart products in the Cync (formerly C by GE) Smart Home ecosystem; reduced average NPI integration time by 80%
- Collaborated with developers to support SDK integration efforts into new Cync Smart Home app, while acting as communication liaison to stakeholders
- Managed transition from an external development agency to a new on-site team, facilitated seamless onboarding for new hires with comprehensive orientation and ongoing support, ensuring swift integration into company culture and workflows.

PRC-SALTILLO

Senior iOS Software Engineer
May 2018 – October 2019

- Development of IEC 62304 medical grade software for Speech Generating Devices (SGD) aimed towards assisting children and adults with communication difficulties
- Implementation of new features and input methods including Head and Eye Tracking, utilizing Apple's ARKit library
- Upkeep of existing codebase, including bugfixes, optimization and refactorization of code, implementation of Unit Tests, and redesign of outdated UI elements

PEPPERL+FUCHS, INC.

Software Design Engineer (Research & Development)
January 2015 – May 2018

- Prototyped, built, and released a set of mobile applications for Android, Blackberry, and iOS which allow for remote configuration, monitoring, and control of Bebcos Explosion Protection Systems (EPS)
- Researched, designed, and integrated Bluetooth LE communications protocol into existing firmware for Intrinsically Safe EPS

FREELANCE/CONSULTING

TURTLESHELL INTERACTIVE, LLC.

Owner, Developer
November 2009 – Present

- Provide consulting and development expertise to businesses who require assistance with specific technical niches (primarily iOS and IoT related)
- Increase knowledge and experience attributed to running a small business including product management, marketing, and finance

EDUCATION

THE UNIVERSITY OF AKRON

Akron, Ohio
Bachelor of Science in Computer Science (Concentration: Systems)

CUYAHOGA VALLEY CAREER CENTER

Brecksville, Ohio
Engineering Technology (Vocational Certification)

TECHNICAL PROFILE

LANGUAGES

Swift	●●●●●●	Kotlin	●●●●●●
Objective C	●●●●●●	Java	●●●●●●
Python	●●●●●●	C	●●●●●●

TECHNOLOGIES & METHODOLOGIES

- iOS
- Android
- BLE
- Networking
- SwiftUI
- IoT
- ARKit
- Firebase
- Agile (SAFe/Scrum)
- Test Driven Development
- MongoDB
- SQL

CERTIFICATIONS

- **Technical Certificate in Electronics**, Cuyahoga Valley Career

TOOLS

- **IDEs:** Xcode, Android Studio, Visual Studio, Eclipse, MPLAB
- **Version Control:** Git, Subversion, BitBucket
- **Development:** Postman, Figma, CircleCI
- **Project Management:** Jira, Confluence

WEBSITE & GITHUB

View my past and current work:

chriswilson.me
github.com/cdw33