### **Engineering Leader and Mentor**



@ferrousguy@mastodon.social



n linkedin.com/in/bgohlke

# **EXPERIENCE SUMMARY**

Rekor Systems, Inc.	Director of Software Engineering  July 2022 - current
	Director of Mobile Engineering May 2020 - July 2022
Lambda School	iOS Program Manager Aug 2019 - Jun 2020
	iOS Instructor Apr 2019 - Jun 2020
StackPath	Senior Application Developer Nov 2017 - Mar 2019
The Iron Yard	Mobile Engineering Lead Instructor  Jan 2015 - Nov 2017
BlueToad, Inc.	Senior iOS Developer April 2014 - Dec 2014
SecureNet Technologies	Senior iOS Developer Nov 2013 - Mar 2014
Presidio	Senior iOS Developer - Contractor Feb 2013 - Jun 2013
Transaction Data Systems	Lead iOS Developer May 2010 - Feb 2013
	Software Engineer Jan 2009 - May 2010
Northrop Grumman	Software Engineer - Intern Apr 2008 - Dec 2008
Transaction Data Systems	Technical Support Analyst  Jul 2002 - Apr 2008

## **HIGHLIGHTS**

- 20 years experience in the tech industry
- 5x team management
- Led multiple cross-functional teams to achieve engineering and/or educational goals
- Instrumental in XFN leadership from Engineering to other departments
- Mentored hundreds of junior developers
- Created iOS bootcamp course curriculum from scratch



#### **Engineering Leader and Mentor**



@ferrousguy@mastodon.social



n linkedin.com/in/bgohlke

#### **EXPERIENCE**

## **Director of Software Engineering**

Rekor Systems, Inc.

July 2022 - current

Managed a team of engineering managers to deliver both greenfield and maintenance software releases for the US-based Engineering organization. Provided mentorship to these engineering leaders as well as cross-functional support to executive leadership. Built and managed an operational work/release cadence for providing structured and predictable software releases to customers in each vertical Rekor operated in.

### **Director of Mobile Engineering**

Rekor Systems, Inc. May 2020 - July 2022 Provided architect-level design and engineering input for a suite of iOS and Android applications. Founded and built a team of direct-report iOS and Android engineers. Provided cross-functional support and leadership to the rest of the engineering organization, marketing, and executive teams on strategy and product vision for Rekor's growing portfolio of mobile apps.

## iOS Program Manager

Lambda School Aug 2019 - Jun 2020 Responsible for managing 6 direct-report instructors on instructional excellence, professional development, and mentorship best practices. Also provided crossfunctional leadership to Admissions, Student Success, Marketing, Curriculum, and Assessment. Acted as a subject matter expert for the iOS curriculum.

#### iOS Instructor

Lambda School
Apr 2019 - Jun 2020

Led 11 cohorts of dozens of students at a time to learn the fundamentals of software development, mobile design, and iOS architecture in a virtual, live classroom setting. Made extensive contributions to curriculum refinement. Assisted in Admissions recruitment by partipating in webinars of prospective students.

#### **Engineering Leader and Mentor**



@ferrousguy@mastodon.social



n linkedin.com/in/bgohlke

#### **EXPERIENCE**

### Senior Application Developer

StackPath

Nov 2017 - Mar 2019

Built VPN clients for iOS. Helped maintain a backend framework for iOS and Mac to interface with the Apple-provided NEVPNManager and associated classes to configure and manage personal VPN configurations. Built version 2 of StackPath's StrongVPN product from designs provided by StackPath design team.

#### Mentor Instructor

The Iron Yard
Jun 2016 - Nov 2017

Lead Instructor, Curriculum Lead - iOS

> The Iron Yard May 2015 - Jun 2016

As Lead Instructor (and later a Mentor Instructor), provided counsel and training for newer instructors into the organization. Performed biweekly one-on-one meetings with each member of my instructor team and set the agenda for the biweekly group meetings. This was done remotely as TIY was a distributed company. Was also involved in certain HR functions for the aforementioned team members, things like: yearly performance reviews, disciplinary actions, and new instructor onboarding. Provided subject matter expertise for the iOS curriculum. Maintained both the scope of curriculum breadth as well as example lessons, assignments, and small projects for students. Advised and worked with fellow iOS instructors to advance the curriculum as Apple released updates to the OS and the two programming languages supported on the platform.

#### Mobile Instructor

The Iron Yard

Jan 2015 - Nov 2017

Taught 7 cohorts of Mobile Engineering on the Orlando campus. Responsible for all iOS curriculum, which included: lecture content and example applications, homework descriptions, resources, and finished projects. Performed 3 hour lectures 4 days-a-week for the first 9 weeks of the 12 week course. Provided mentorship to each student and was responsible for their academic advancement. Responsible for homework grading and academic record-keeping. During the final 3 weeks of each class, provided mentorship, counsel, and project management of each student or group final project, a capstone app that showcased the individual talents of each student.

#### **Engineering Leader and Mentor**



@ferrousguy@mastodon.social





#### **EXPERIENCE**

### Senior iOS Developer

BlueToad, Inc. Apr 2014 - Dec 2014 Tasked with ownership and management of main iOS publication reader application. App allowed for reading digital publications and other magazine style content and had been deployed to over 1000 instances in the App Store. Previous maintenance was by a team of three outsourced developers. Responsible for managing the task assignments of these developers as well as setting the scope and pace of development of new features. Architected a major UI and business logic overhaul of the existing application to prepare it for compatibility with iOS 8. Designed and developed a new article viewer interface for consuming content. This included building a data model for fetching and storing article content separate from the main app and creating a view hierarchy and interaction model for navigating between the article viewer and the page viewer of the pre-existing interface.

## Senior iOS Developer

SecureNet Technologies
Nov 2013 - Mar 2014

Worked with web designers and developers to adapt an existing web-based application for use as a native mobile app for iOS and Android platforms. App allows security system technicians to configure alarm systems while in the field at both residential and commercial sites.

## Senior iOS Developer

Presidio

Feb 2013 - Jun 2013 (Contract)

Worked with Presidio management to plan and design an iPad-based CRM for their account managers. Also designed, created and managed the enterprise-wide launch of an iPhone-based receipt image tracking application for attaching to expense reports.

## Lead iOS Developer

Transaction Data Systems

May 2010 - Feb 2013

Built an iOS app to allow pharmacy patients to refill their prescriptions by scanning the bottle. Working with another iOS developer, designed and built an iPad app for pharmacies to process their prescription deliveries.



#### **Engineering Leader and Mentor**



@ferrousguy@mastodon.social



n linkedin.com/in/bgohlke

#### **EXPERIENCE**

### Software Engineer

Transaction Data Systems

Jan 2009 - Feb 2010

Learned and used C# to develop Windows Mobile applications. Used Java to create a Windows backup solution for a PostgreSQL database and created and maintained many BASH shell scripts.

## Software Engineer - Intern

Northrop Grumman Apr 2008 - Dec 2008 Responsible for a Java-based reporting tool used in support of the main product; a high level wargame simulator for JFCOM. Led a UI and back-end rewrite of the reporting tool to increase its effectiveness.

## **Technical Support Analyst**

Transaction Data Systems

Jul 2002 - Apr 2008

Provided technical support for independent pharmacies. Supported Linux and Windows-based computer systems. Created and maintained several widely-used BASH shell scripts, including one that provided regular updates for the core product, Rx30.

#### **EDUCATION**

## **Computer Science**

University of Central Florida

Coursework in Computer Science

#### **ORGANIZATIONS**

## Member, Board of Directors

**Underdog Devs** 

Member since: Nov 2020 Board Member since: Feb 2021 Provide educational and leadership guidance to a nonprofit organization dedicated to helping the formerly incarcerated and disadvantaged build a career in the tech sector.

## Member/Organizer

**UD Xcoders Meetup** 

Member since: Nov 2012 Organizer since: Jan 2018 Gave dozens of presentations
Became primary Organizer from Jan 2018 onwards

