

STEPHEN FUNG

New York, NY

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SOFTWARE ENGINEER

Results-driven, highly organized, and analytical Software Development Engineer experienced in the design, analysis, development, integration and delivery of web applications. Known for creating innovative, custom solutions that solve challenging client problems using a combination of industry-standard and cutting-edge technologies. A strong academic and project background showcases experience building complex, robust, high-volume software solutions leveraging open-source frameworks and client-side technologies. Practices test-driven-development, identifying, troubleshooting, and solving software defects as needed to ensure projects are completed on time.

CAREER HIGHLIGHTS

- Swiftly identified, tracked, reported, and resolved critical issues at M&T Bank, Inc. by cultivating and maintaining strong analytical and conflict resolution skills.
- Collaborated with the mobile application team at Viacom, discovering the bug causing the Paramount Plus app to crash, tracking its source, and preventing it in current and future releases.
- Designed, built, and released a successful mobile application, Track It, advertising across social media platforms to achieve 600K+ combined views and 40K downloads in the first year.
- Awarded the Apple WWDC 2020 Scholarship for original Swift Playground submission.

SKILLS & EXPERTISE

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|-------------------------------|-----------------------|---------------------------|
| ▪ Application Programming | ▪ Website Development | ▪ Performance Development |
| ▪ Software Design/Development | ▪ Code Conversion | ▪ Database Design |

PROFESSIONAL EXPERIENCE

M&T BANK INC | BUFFALO, NY | AUGUST 2020 – PRESENT

Software Engineer

Develop and release interactive web applications for new account openings using Angular, Jira, REST, and TypeScript.

- Cross-collaborate remotely with a multi-disciplinary team of engineers, designers, and producers to ensure smooth communications and project planning.
- Test sites in various browsers and devices to ensure cross-browser compatibility and responsiveness.
- Maintain strong analytical and conflict resolution skills to swiftly identify, track, report, and resolve critical issues.

VIACOMCBS INC | NEW YORK, NY | JUNE 2019 – AUGUST 2019

Mobile Application Developer Intern

Developed an application to test the capabilities of video playback, analytics, and app size to better understand if the transition to a multi-platform language would meet the business requirements.

- Delivered a multi-platform mobile app integrating analytics and custom video player to test the viability of Flutter.
- Investigated unused packages, files, and assets of application releases resulting in a 10% decrease in application size.
- Updated the monorepo's user interface to fit iPhone X sized devices resulting in a full-screen experience for users.
- Discovered a bug that caused the Paramount Plus application to crash, tracked it to its source, and collaborated with the mobile application team to prevent it in current and future releases.

ADDITIONAL EXPERIENCE: Teacher Assistant, P.S. 2 (June 2015 – August 2015)**PROJECTS****Track It: Locate Lost Devices app | Personal Project | 2020**

- Created, built, and released a successful mobile application using CoreBluetooth, MessageUI, Realm, Sketch, StoreKit, and SwiftUI, allowing users to locate lost Bluetooth devices based on the signal strength.
- Advertised on social media platforms to over 600K combined views and achieving 40K downloads in the first year.

FairRide iOS/Android app | Personal Project | 2019

- Allowed users to save money by displaying all available ride-sharing options using Apple Maps API, Google Maps/Places API, Java, and Swift aggregated data.
- Compiled optimal ride data by merging applications with deep links and managing a price map to obtain and display accurate, updated information with 100% uptime.

Packer Tracker iOS app | Personal Project | 2019

- Simplified the process of tracking multiple packages from different carriers with multi-carrier support using MapKit, Realm, Swift, UIKit, and WebKit.
- Integrated a local database to store past package queries, resulting in faster lower times and strengthened data from the carrier's site with a map allowing users to visualize package locations.

EDUCATION**University at Buffalo, Buffalo, NY: 2020***Bachelor of Science – Computer Science (GPA: 3.70)*

- Awards/Honors: Dean's List for Fall 2017, Spring 2018, Fall 2018, and Spring 2019

ADDITIONAL CREDENTIALS

TECHNICAL SKILLS	CSS / Git / HTML / Jira / Linux / Angular / Flutter / Java / Python / Swift / SwiftUI / TypeScript / Microsoft Office (Word, Excel, PowerPoint, Outlook)
HONORS & AWARDS	Apple WWDC 2020 Scholarship Winner (Swift Playground) – Apple, Inc.
COMMUNITY ENGAGEMENT	PetSmart – Animal Adoption Assistant (2014-2016)
INTERESTS	Photography, Working Out, Travel