

Brent Michalski

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WORK EXPERIENCE

Edward Jones | SR. IOS CONSULTANT (DAUGHERTY BUSINESS SOLUTIONS) Remote | Apr 2020 – Feb 2024

- Devised an OpenAPI authentication middleware, automating token and cookie inclusion, eliminating boilerplate code and human error.
- Converted numerous UIKit and Storyboard views to SwiftUI, modernizing the app's interface and significantly improving maintainability.
- Identified, hunted down, and resolved rare but critical app crashes and performance issues.

PAR Government | SR. IOS SOFTWARE ENGINEER Remote | Dec 2017 – Nov 2018

- Transformed user requirements into exceptional mobile solutions through expert coding, testing, and deployment.
- Spearheaded the refactoring to new iOS technologies and frameworks, reducing app latency by **over 30%**.
- Developed and deployed a live chat system and a video tool capable of streaming live drone feeds.

Mastercard | SR. MOBILE SOFTWARE ENGINEER O'Fallon, MO | Jun 2017 - Nov 2017

- Created expansive automated test suite, cut manual testing time by **over 40%** and greatly improved reliability.
- Played pivotal role in winning Mastercard's "Take Initiative 2017" hackathon, demonstrating exceptional coding and teamwork skills in a competitive environment.

NJVC, LLC. | SR. SOFTWARE ENGINEER St. Louis, MO | Feb 2010 - Apr 2017

- Led the creation of the GEOINT App Store, a pioneering platform that redefined secure mobile ecosystems for the U.S. Intelligence Community.
- Developed REST API and Swift SDK that provided the GEOINT App Store with subscription management, enhanced security, app launch tracking, and a 'kill switch' that could *instantly* halt an app if user access revoked.
- Handpicked for a subcontracted position with Microsoft to conduct an extensive iOS application code and security audit for a leading financial firm merger, showcasing expertise in iOS app security.

LEADERSHIP EXPERIENCE

Boeing | SR. EMBEDDED SOFTWARE ENGINEER St. Louis, MO | Mar 2019 – Apr 2020

- Directed the design and development of a secure deployment platform for military aircraft software at Boeing, ensuring top-tier security and compliance, and streamlining the development and deployment process.

Edward Jones | SR. IOS CONSULTANT (DAUGHERTY BUSINESS SOLUTIONS) Remote | Apr 2020 – Feb 2024

- Led the iOS Developers Chapter at Edward Jones, driving cross-functional collaboration, elevating app user experience, and setting higher code standards through strategic leadership.
- By mentoring junior developers at Edward Jones, I helped elevate the team's overall skill level, encouraging a culture of continuous learning and improvement.

EDUCATION

University of Phoenix St. Charles, MO | 2004 - 2006

M.A. IN EDUCATION, ADULT EDUCATION & DISTANCE LEARNING

National American University Rapid City, SD | 1994 - 1997

B.SC. IN COMPUTER INFORMATION SYSTEMS

SKILLS SNAPSHOT

Languages: Swift, Objective-C, Perl, C, BASH, Typescript, SQL, and a little Java

Technologies: REST, gRPC, Linux, Git, Gitflow, AWS, GraphQL, MySQL, Docker, Kubernetes, Redis, OpenAPI

Apple Tech: Xcode, UIKit, SwiftUI, ARKit, RealityKit, CoreML, SwiftData, All Major Frameworks & SDKs

Buzzwords: Agile, MVM, MVVM, TDD, Test Automation, CI/CD, Full-Stack

Hobbies: Arduino, Raspberry Pi, IoT, 3D Printing, Laser Engraving, LiDAR, Always Learning, Tinkering