MICHAEL T. JONES

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**www.dreamwaresys.com/resume**

#### SUMMARY

**Mobile / Full-Stack Software Engineer with broad experience across architectures, languages and industries**

* 15 years of experience in mobile, web and fat-client software development
* 8 years of experience in leadership / managerial roles
* B.S. Computer Science & Applied Mathematics with Honors
* Proficient in Swift, Obj-C, PHP, Python, Java, C, C++, C#, Kotlin, SQL, NoSQL, DBA, Encryption, Security, Finance

#### PROFESSIONAL EXPERIENCE

**YONICIRCLE, New York, NY Sep 2020 – Nov 2020**

***Lead iOS/Node Engineer (Contract)***

* Agile team lead and mobile architect for an iOS-based video-conferencing app
* Senior back-end contributor to Firebase Functions / CloudStore based platform

**SHOPKEEP, New York, NY Sep 2019 – Sep 2020**

***Lead iOS Engineer***

* Technical lead for mobile payments integration team
* Mentored engineers, enforced PR-reviews, code coverage, git hygiene, style guides and other best practices
* Reduced tech debt and improved POS stability through the refactoring of legacy Obj-C code

**SALIDO, New York, NY May 2017 – May 2019**

***Senior iOS Engineer / Team Lead***

* Agile coach / team lead for multiple feature development teams (both in-house and offshore)
* Drove company-wide engineering principles, mobile architecture and long-term technical goals
* Provided in-house training to increase Swift adoption and improve code quality

**CITIBANK, Long Island City, NY May 2016 – Jan 2017**

***Senior iOS Systems Engineer / Analyst – Citi FinTech Division (Contract)***

* Senior Swift engineer for the Citi-Gold Invest division
* Architected the "trade execution" and "security" modules within the Citi Gold iOS app
* Trained and mentored engineers in Swift 3, Git, TDD, CICD and best coding practices

**WORLD STEEL DYNAMICS, Englewood Cliffs, NJ May 2012 – May 2016**

***Director of Software Development***

* Managed in-house web development and two offshore engineering teams
* Designed native iOS/Android apps used to crowd-source commodity prices for NASDAQ
* Developed the Global Steel Information System - a PHP/Java based suite of financial analysis tools

**COOCOO, Huntington, NY Apr 2011 – May 2012**

***Senior Mobile Engineer***

* Architected a mobile POS system used by public transit agencies including MTA, MBTA, BART
* Lead developer for (6) iOS and (2) Android apps grossing over 5-million downloads
* Responsible for network security, encryption and PCI-compliance across products

**SS&C TECHNOLOGIES, New York, NY Sep 2006 – Apr 2011**

***Financial Programmer / Analyst – Municipal Finance Division***

* Designed custom option-pricing models including BDT and Black-Scholes derivatives
* Enhanced C/C++ source for DBC Finance – a linear optimization engine used to structure 95% of all muni bonds

#### EDUCATION

**UNIVERSITY AT ALBANY (SUNY) Sep 2002 - May 2006**

B.S. Computer Science & Applied Mathematics

Cum Laude Graduate, Honors focus in Cryptology & Information Security

President of Sigma Alpha Epsilon Fraternity 2005 –2006 (Eminent Archon)

**PROJECT PORTFOLIO**

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