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[in linkedin.com/in/wumichaelm](https://www.linkedin.com/in/wumichaelm)

ABOUT ME

An experienced full stack software developer with startup experience

SKILLS

EXPERT

Python, Ruby, Rails, SQL (Postgres, MySQL, SQLite)

PROFICIENT

TypeScript, React, HTML, CSS, Qt, Cocoa, Mac APIs, C, C++, PHP, Java, JavaScript, Scala, Perl, MATLAB, Redis, Memcached

SOME EXPERIENCE

Objective-C, COM, C#, x86 assembly, Verilog, Haskell, Node.js, Webpack

OTHER

Heroku, AWS, Git, testing, bug trackers, Visual Studio, Eclipse, IDEA

AWARDS

Dropbox Hack week award winner 2015, EPD Hack week award winner 2016

Inventor on US Patents 9667676, with 4 other pending applications.

Tau Beta Pi, Phi Beta Kappa, Eagle Scout

MISC

Intermediate in Mandarin and Japanese. Exposure to Spanish and Korean.

Avid traveler, chef, scuba diver, and runner.

Michael Wu

EXPERIENCE

SENIOR SOFTWARE ENGINEER (02/2018 – 01/2019)

DROPBOX

Delivered several desktop client UI features, using TypeScript, React in embedded Chromium, Python, COM, Cocoa/PyObjC, PyQt. Led small teams of engineers as a senior engineer. Heavily involved in candidate interview process and developer documentation

SOFTWARE ENGINEER (01/2015 – 02/2018)

DROPBOX

LEAD ENGINEER (03/2012 – 12/2014)

PIXELAPSE

Independently executed on major features, including Python/Qt Windows client, multi computer sync and Dropbox support using Rails, and devops on Heroku/RDS. Acquired by Dropbox in 1/2015
(6/2010 – 9/2010)

SOFTWARE DEVELOPMENT ENGINEER INTERN

MICROSOFT

Implemented Windows Phone 7 application in C#/Silverlight to allow Windows Phone developers to track the status of their apps

SOFTWARE DEVELOPER INTERN (06/2009 – 09/2009)

MINT.COM

Planned and implemented backend of budgets feature, and developed internal tooling with Java/Spring/Hibernate

EDUCATION

MS Electrical Engineering (09/2010 – 06/2012)

STANFORD UNIVERSITY

PhD Candidate with Professor Kunle Olukoton
Focus on parallel computing and computer architecture

- A.K. Sujeeth, T. Rompf, K.J. Brown, HJ Lee, H. Chafi, V. Popic, M. Wu, A. Prokopec, V. Jovanovic, M. Odersky, K. Olukoton, "Composition and Reuse with Compiled Domain-Specific Languages" ECOOP '13
- A.K. Sujeeth, HJ Lee, K.J. Brown, T. Rompf, H. Chafi, M. Wu, A.R. Atreya, M. Odersky, K. Olukoton, "OptiML: An Implicitly Parallel Domain-Specific Language for Machine Learning" ICML '11

B.S.E. Electrical Engineering (09/2006 – 06/2010)

Certificate in Applications of Computing

PRINCETON UNIVERSITY

Graduated summa cum laude with GPA 3.9 on a 4.0 scale

Coursework: Compilers, Parallel Computing, Operating Systems, Data Structures & Algorithms, Computer Architecture, Artificial Intelligence, Natural Language Processing, Security, Computational Theory