

# Michael Wu

Software Engineer at Dropbox

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## Experience

### **Software Engineer at Dropbox**

January 2015 - Present (11 months)

Software Engineer on Documents and Workflow, transforming how you work with your files.

### **Software Developer at Pixelapse**

April 2012 - January 2015 (2 years 10 months)

Lead Engineer. We were acquired by Dropbox in January 2015.

### **Residential Computer Consultant at Stanford Residential Computing**

September 2011 - June 2012 (10 months)

Ensured smooth functioning of residential computer network and computers of residents

### **Research Assistant at Professor Kunle Olukotun**

September 2010 - June 2012 (1 year 10 months)

Designed domain specific languages and worked on infrastructure for Delite, a framework for creating domain specific languages to exploit hardware parallelism

### **Software Development Engineer Intern at Microsoft**

June 2010 - August 2010 (3 months)

Designed and implemented Windows Phone 7 application to allow developers to track the status of their apps  
Fixed bugs in Windows Phone 7 application developer portal

### **Support Technician at Princeton OIT Solutions Center**

March 2008 - December 2009 (1 year 10 months)

Provided in person computing support for the University community at a centralized facility in the campus student center

### **Software Developer Intern at Mint.com**

June 2009 - August 2009 (3 months)

Designed and implemented entire backend of new budgets feature Added new features and fixed bugs in internal tools

### **Research Assistant at Professor Sharad Malik**

June 2008 - December 2008 (7 months)

Designing hardware models in a formal modeling variant of Verilog

### **Technical Support at Princeton OIT Help Desk**

January 2007 - December 2008 (2 years)

Provided phone computing support for the University community

### **Software Developer Intern at National Semiconductor**

June 2007 - August 2007 (3 months)

Developed in-house application for updating licensed CAD software

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## **Publications**

### **Composition and Reuse with Compiled Domain-Specific Languages**

ECOOP 2013

Authors: Arvind Sujeeth, Tiark Rompf, Kevin Brown, HyoukJoong Lee, Hassan Chafi, Victoria Popic, Michael Wu, Aleksandar Prokopec, Vojin Jovanovic, Martin Odersky, Kunle Olokuton

### **OptiML: An Implicitly Parallel Domain-Specific Language for Machine Learning**

ICML 2011

Authors: Arvind Sujeeth, HyoukJoong Lee, Kevin Brown, Tiark Romph, Hassan Chafi, Michael Wu, Anand Atreya, Martin Odersky, Kunle Olokuton

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## **Languages**

**Japanese**

**Chinese**

**Spanish**

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## **Skills & Expertise**

**Ruby**

**Ruby on Rails**

**Python**

**PostgreSQL**

**Redis**

**Scala**

**C**

**Matlab**

**C++**

**Java**

**LaTeX**

**HTML**

**node.js**

**JavaScript**

**PHP**

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## **Education**

**Stanford University**

Master of Science (MS), Electrical Engineering, 2010 - 2012

Activities and Societies: AAGSA, SJEC, STSA, Juggling Club

**Princeton University**

BSE, Electrical Engineering, 2006 - 2010

Activities and Societies: Princeton Charter Club, Taiwanese American Students Association, Student Design Agency, Juggling Club, Tau Beta Phi, Phi Beta Kappa

**Saratoga High School**

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Honors and Awards

Tau Beta Phi Phi Beta Kappa Shapiro Prize for Academic Excellence, 2008 Eagle Scout

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[Contact Michael on LinkedIn](#)