

# Matthew Makai



## Full stack software developer

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## What I Can Do for You

I'm not currently looking, but thanks for checking out my resume!

## Work

### **Twilio** | Washington, D.C. | Jan 2014 - Present

Inspiring and equipping software developers and creating a better tech community in Washington, D.C. and Boston.

### **Excella Consulting** | Washington, D.C. | Sept 2010 - Nov 2013

Created and ran Excella's Python practice, about \$2 million/year in revenue (15 consultants). Brought in 5 new clients over 18 months including The Motley Fool, the Consumer Financial Protection Bureau, George Washington University, Nuclear Threat Initiative, and PIAA.

Programmed, performed code reviews and mentored newer developers on all Python projects.

### **Sapient** | Arlington, VA | Dec 2009 - Sept 2010

Led a team of Java developers to implement a forensic evidence tracking system for the FBI's Operational Technology Division based in Quantico, Virginia. Our team successfully delivered milestone builds for user acceptance testing and training releases.

### **Booz Allen Hamilton** | Charlottesville, VA | Jul 2007 - Dec 2009

Transformed millions of records from several upstream biometrics collection systems into structured entities that could be searched, viewed, and manipulated with metadata. Developed prototypes and redesigned the application user interface with Google Web Toolkit for the Department of Defense.

### **Freddie Mac** | Tyson's Corner, VA | May-Aug 2004 (intern), Jun 2005 - Jul 2007 (full)

Designed and developed multiple internal enterprise accounting applications that directly reduced the number of days required to complete Freddie Mac's external financial reporting process. Also successfully delivered an internal \$600,000 workflow reporting application on the JVM stack.

## Speaking

These are a subset of my recent tech talks. All slides at <http://www.mattmakai.com/pages/presentations.html>.

### **Full Stack Python** | EuroPython 2014

Berlin, Germany | Jul 2014 | video: <http://bit.ly/XhqqAJ>

### **Ansible Notification Modules** | AnsibleFest NYC

New York, NY | May 2014 | event: <http://bit.ly/1l2ZCP8>

### **Making Django Play Nice With Third Party Services** | DjangoCon 2013

Chicago, IL | Sept 2013 | video: <http://youtu.be/iGP8DQIqxXs>

### **Staying Sane While Taking Over An Existing Django Codebase** | Django Boston

Boston, MA | July 2013 | video: <http://youtu.be/psCVC9BdgsA>

## Projects & Writing

### **Full Stack Python** | <http://www.fullstackpython.com/>

Explains the Python web stack up from the server through the browser layers. Intended audience is developers unfamiliar with how to deploy their web application.

### **Coding Across America** | <http://www.codingacrossamerica.com/>

Road tripped 13,690 miles to 30 cities around the United States for 5 months. Met with software developers, tech startups, and accelerators to exchange technical knowledge, develop strategies for establishing partnerships, and provide reach back for enhancing business opportunities. Wrote about technology, spoke at tech events, and coded side projects, while working remotely for my clients in Washington, D.C.

### **Technical Blog** | <http://www.mattmakai.com/>

Blog for technical and entrepreneurial topics. Replaces my former tech blog (<http://mmakai.com/>).

## Education

**University of Virginia** M.S. Management of Information Technology 2010

**Virginia Tech** M.S. Computer Science and Applications 2008

**James Madison University** B.S. Computer Science 2005