

Andy Michel
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EDUCATION

University Of Central Florida, Orlando, FL
Masters of Science, Computer Science

Expected: December 2017

SKILLS

Expertise: Machine Learning, Full-Stack & Mobile Development and Real-Time Systems

Languages: C++, C#, Java, Python, SQL, HTML, CSS, JavaScript, Ruby

Frameworks: TensorFlow, OpenCV, MongoDB, MySQL, Redis, SQLite, React, AngularJS and Django

Platforms: Unix, Windows and Android

EXPERIENCE

Software Engineer II **Lockheed Martin** **December 2015 – Present**

- Lead developer on the database migration from MySQL to SQLite
- Designed C++ API for the Tactical Environment Simulation engine
- Java development on the web editor for F-35 pilot instructors
- Designed headless framework that performs tests on Jenkins' nightly builds

Software Engineer II **eBay Enterprise** **June 2014 – December 2015**

- Created a background service that synchronized databases with client order management systems.
- Migrated Ruby and VBScript to C# and created pluggable APIs for third party services.
- Built dependency management for JavaScript libraries.

Software Developer, Intern **Ultimate Software** **August 2013 – June 2014**

- Developed a single page application for the marketing team to promote new features/services
- Worked on a JavaScript web application that mapped the seating location of employees to facilitate onboarding
- Wrote automated UI testing for internal .NET MVC web applications

Big Data Software Engineer, Intern **LexisNexis** **June 2013 – August 2013**

- Improved HPCC Systems by adding dynamic sanity checks on distributed data engine clusters
- Create a tool that parsed excel spreadsheets and generated SQL queries
- Contributed to the technical documentation library of the team

Software Engineer, Intern **JDA Software** **March 2012 – June 2013**

- Worked on a multithreaded Windows form that generated and compared database schemas
- Implemented an application that converted flat files to the Ecometry order management system
- Reduced the runtime of a VB application that created excel spreadsheets down by 20%.

PROJECTS - <https://github.com/Andymic>

- Developed algorithm that improved matching confidence of OpenFace's face recognition system
- Built a C++ video streaming server
- Developed a live streaming android application