

# Joseph J. Martella III

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## EDUCATION

**Purdue University, College of Science**, West Lafayette, IN

May 2013

B.S. in Computer Science with a concentration in Software Engineering, Classical Studies Minor

GPA: 3.77 / 4.00

## TECHNICAL SKILLS

- JavaScript (Angular, React, Node.js) (learning)
- HTML / CSS (familiar)
- C# (proficient)
- Windows App Development (proficient)
- C/C++ (familiar)
- SQL (familiar)
- Python (familiar)

## WORK EXPERIENCE

*Content Developer*

**Microsoft**, Redmond, WA

02/2015 - Present

- Develop code samples and write technical documentation for the Office 365 APIs
- Collaborate with different stakeholders, including engineering team, management, and customers to improve Office 365 APIs and their documentation
- Develop rich demo applications to showcase Office 365 API features in real life scenarios

*Software Engineer*

**Microsoft**, Redmond, WA

08/2013 – 02/2015

- Maintained test automation for Radio Management feature during Windows 8.1 GDR
- Served as Performance SME for the Desktop team
- Developed test scenarios for the Mobile App Switcher feature for Windows Threshold
- Developed, monitored, and maintained telemetry code for the Mobile App Switcher feature for Windows Threshold and built reports to better display findings

*Software Development Engineer in Test Intern*

**Microsoft**, Redmond, WA

05/2012 – 08/2012

- Developed UI automation code to provide test coverage to several areas of my team's feature area
- Developed a database validation tool to aid Microsoft's mobile operator partners around the world
- Developed a Windows 8 mobile broadband modern application to help test certain features of the API, as well as provide recommendations for developer documentation to aid in the developer experience

*Teaching Assistant*

**Purdue University**, West Lafayette, IN

08/2011 – 12/2011

- Taught basic programming concepts using Python and graded labs for a section of CS 177 (Programming with Multimedia Objects) for a group of non-CS majors

*Software Development Engineer in Test Intern*

**Microsoft**, Redmond, WA

05/2011 – 08/2011

- Developed the first application for Windows 8 leveraging the JavaScript projection of the WinRT SMS API, a consumer based SMS communication client that uses the foursquare public API
- Attended weekly team meetings, met regularly with the Program Manager for my project, and delivered several presentations about my progress and application throughout the summer

## **NOTABLE PROJECTS**

### **The Fighting Cock**

Fall 2014

*Windows Phone 8 application*

- The app serves as a hub for all the content created by The Fighting Cock podcast, including links to several blogs, a forum, and allowing users to download and listen to recent podcasts.

### **Uber Surge Trends**

Spring 2015

*<http://uber-surge-trends.herokuapp.com>*

- I built the front-end (Angular) and back-end (Node.js) for this web app.
- The back-end queries the Uber API for surge prices in a specific city then stores them in a MongoDB database, as well as exposes an API for the front-end to use to access the data.
- The front-end allows users to specify a day, ride type, and city to display historical data showing the average surge price over the course of the day.