

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, Node.js, jQuery) (proficient)
- HTML / CSS (proficient)
- C# (proficient)
- Windows App Development (proficient)
- C/C++ (familiar)
- SQL (familiar)
- Python (familiar)
- Markdown (proficient)

WORK EXPERIENCE

Content Developer 2

Microsoft, Redmond, WA

02/2015 - Present

- Develop code samples and write technical documentation for the Office 365 APIs, Microsoft Graph API, and Office add-ins
- 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
- Promoted after ~3 months in the discipline
- Regularly make contributions to Microsoft-owned open source projects, including generator-office and ADAL JS

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

commemoji

December 2015

<https://github.com/martellaj/commemoji>

- A command line tool built in Node.js that emojiifies commit messages
- Received decent feedback on the Internet (15 stars) so I've actively improved and added features
- As of January 2016, it's been downloaded 156 times

License Injector

November 2015

<https://marketplace.visualstudio.com/items/martellaj.license-injector>

- This is a VS Code extension that injects license notices into source code files
- Built out of necessity; I was tired of copying, pasting, and formatting notice text in every file of every sample I create
- As of January 2016, it's been installed 132 times

Managerisms

November 2015

<http://managerisms.azurewebsites.net/>

- A web app that displays random similes submitted by users (mostly sourced from a lead I had)
- The front-end is built with Angular and the back-end is Node.js (using Express) that accesses a MongoDB database
- This project was an experiment using Google's Material Design (using Angular Material)

Uber Surge Trends

Spring 2015

<http://ubersurgetrends.azurewebsites.net/>

- 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