Alex Wapniarski
Software Engineer

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Languages
C#
JavaScript
Python
Swift
PowerShell
HTML5
CSS3

Back End
.NET
Node.js
Django
Flask
Socket.IO
Nginx

Web Services
AWS EC2
AWS Lambda
AWS S3
Azure VMs
Azure App Service

Databases
MongoDB
MySQL
SQL
NoSQL
Mongoose
MAMP

Tools
Visual Studio
Git
Xcode
Unix/Linux
Windows/Mac
Kusto

Misc
Agile
Scrum
AutoCAD
PTC Creo
SolidWorks
3D Studio Max

Experience

Microsoft, Redmond, WA — Software Engineer
Feb 2017-Present

- Full time employee on the Cortana Language Understanding (LU) team within the Artificial Intelligence and Research group.
- Member of incident management team responsible for 24 hour acknowledgement, mitigation, and investigation of live site outages/issues for Cortana LU service.
- Utilized Scrum methodology, source control, automated testing, and continuous integration via Visual Studio Team Services.
- Implemented features for web service and applications in C# & .NET framework.
- Created evaluation tests to prevent and identify regressions in LU service.
- Optimized performance of web service and evaluation tools.
- Integrated third party API and designed mobile-responsive web pages and webviews using Razor View Engine, jQuery, Twitter Bootstrap, and JavaScript.

Coding Dojo, San Jose, CA — Assistant Instructor
Oct 2016-Feb 2017

- Promoted to paid position as an Assistant Instructor available to the top 1% of Coding Dojo students.
- Tutored students in Python, Django, and iOS development and presented live demos of assignments.
- Developed and deployed an iOS application with an instructor to teach students core concepts in Swift and iOS development <http://itunes.apple.com/us/app/ninja-flash-cards/id1188158894>
- Deployed multiple web applications to the same AWS EC2 instance using subdomains and Nginx as a reverse proxy; Created a tutorial for the process <https://github.com/alex-wap/subdomains>

IEM, Fremont, CA — Design Engineer
May 2011- June 2016

- Designed 60+ mechanical switchgear assemblies, produced 200+ technical drawings, and programmed 1100+ G-Code files on the Product Developer (R&D) team.

Education

University of California, Berkeley — Berkeley, CA
2007-2011
Bachelor of Science, Mechanical Engineering

Volunteer Experience

Microsoft, Redmond, WA — LEAP Ambassador
Feb 2017-Present

- Advocate for the LEAP diversity program at Microsoft and promote a culture of inclusion and mutual respect for talented engineers of all backgrounds.
- Facilitate and conduct interviews for prospective candidates.
- Mentor apprentices before, during, and after the LEAP program