

Address

Current:
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Home:
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Vancouver, BC, Canada V6P
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Telephone

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Email

joshua.ku@outlook.com

Git

github.com/joshku

LinkedIn

linkedin.com/in/joshua-ku-
ab323349

Languages

C/C++ ★★★★★

C# ★★★★★

Python ★★★★★

Bash ★★★★★

Java ★★★★★

Objective C ★★★★★

English ★★★★★

Cantonese ★★★★★

Mandarin ★★★★★

Operating Systems

GNU/Linux ★★★★★

MacOS ★★★★★

Windows ★★★★★

iOS ★★★★★

Android ★★★★★

Framework & Skills

Artifactory, Docker,
Jenkins, UrbanCode
Deploy, Elasticsearch,
Kibana, Logstash, Gerrit,
Vyatta vRouter, Wireshark,
Citrix Netscaler, NGINX,
Ansible, RedPrairie WMS,
MS Office, MS SharePoint,
SAP R3, ScaleIO, Eclipse,
MS Visual Studio, Qt, Agile,
Scrum, DevOps, IBM
SoftLayer, IBM Bluemix

JoshuaKu

Software Engineer

Education

2010 - 2015 **The Pennsylvania State University**

State College, PA

[BS in Computer Science](#)

[BS in Information Sciences and Technology](#)

GPA 3.38

Dean's List: Spring 2011, Spring 2014

Experience

09/15 -
Present

IBM

Durham, NC

[Software Engineer](#)

At this assignment I worked as a member of the DevOps Transformation Team. Our goal was to help developers by hosting a centralized offering of tools for developers to use. My responsibilities included:

- Supporting applications such as Jenkins, Artifactory and UrbanCode as cloud services
- Designing a highly available network architecture to support cloud based tooling
- Assisting teams in debugging network related problems
- Managing VPN tunnels with external customer datacenter environments
- Managing vendor relationships with MySQL
- Organizing developer workshops to teach programmers how to develop code with the DevOps mentality
- Providing 24 x 7 support for global DevOps movement

05/14 - 08/14 **General Motors Company**

Lake Orion, MI

[Orion Assembly IT Intern – Mobile Applications / SharePoint Developer](#)

At my internship I worked with plant managers on projects that helped improve processes within the manufacturing plant. I worked on two main projects which were to develop an android application as well as redesigning the internal SharePoint site. These projects included the following tasks:

- Collaborating with plant management to develop a proof of concept Android application written in Java to help audit data more efficiently
- Connecting the application to a MySQL database to create views for management to view tool data and forecast trends
- Collaborating with various teams across the plant to identify current document control processes and how they can be improved
- Designing a more user friendly internal SharePoint site for all plant personnel to use

02/14 - 04/14 **The Pennsylvania State University**

State College, PA

[EMC - ScaleIO Project Manager](#)

Developed a management GUI for a ScaleIO environment as a browser application using WPF and C

Consulted with ScaleIO users to understand the environments and processes Investigated how software defined storage can impact data centers