Sonny **Shi**

SOFTWARE ENGINEER IN THE METRO DC AREA | CREATING SCALABLE, RESILLIENT SYSTEMS IN THE CLOUD

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Experience

Capital One   *McLean, VA*
SOFTWARE ENGINEER   *July 2016 - PRESENT*
- Created resilient, self healing, and cost effective systems in the cloud, provided teams with the ability to iterate quickly and release code as fast as possible with streamlined and reliable CI/CD pipelines.
- Continued focus on providing teams with tools and infrastructure to stay up to date and keeping of best practices and maintaining compliance in the Cloud and beyond.
- Enabled teams to deploy code faster and easier with integration with Source Code Management (Github), Continuous Integration (CircleCI/Jenkins), automated deployment (AWS), Configuration management (Chef) and testing (Cucumber, JUnit).
- Implemented dual region disaster recovery through creation of cross region infrastructure to allow for active/active resiliency and increased robustness of business critical APIs responsible for decisioning 2 Million customers monthly.

White Castle   *Columbus, OH*
SOFTWARE ENGINEER INTERN   *October 2015 - PRESENT*
- Instrumental in the modernization of a business critical application and database

Hewlett-Packard   *Dublin, OH*
SOFTWARE ENGINEER INTERN   *April 2014 - July 2015*
- Debugging and fixing of high and critical defects from database defects to front end Bootstrap problems

Open Source Projects

clas.si   *Columbus, OH*
INDEPENDENT PROJECT WWW.GITHUB.COM/THISISSHI/CLAS.SI   *March 2016 - Present*
- A Student Task Manager with Ability to add classes, send messages to study groups and to easily view upcoming to-do tasks.
- Written in MeteorJS, Blaze front-end, Javascript back-end, MongoDB for storage. Hosted on Heroku

Software Engineer Latex Resume   *Columbus, OH*
WWW.GITHUB.COM/THISISSHI/SOFTWAREENGINEERLATEXRESUME   *January 2016*
- Generates a resume in PDF format from Latex.
- You're looking at the output of it right now!

What's Happening   *Columbus, OH*
GIVEBACKHACK 2015 WWW.WHATSHA.COM WWW.GITHUB.COM/THISISSHI/WHATSHAPPENING   *April 2015*
- SMS based application to assist local parents with finding events to go to with their children
- Engineering of Event Scraper, Database Schema, Designed and implementation of product landing page as well as social media assets
- Built on Ruby on Rails, Twilio, PostgreSQL, Bootstrap, Flexbox, and deployed via Heroku in under 24 hours

Education

The Ohio State University   *Columbus, OH*
B.S. IN COMPUTER SCIENCE AND ENGINEERING, CUMULATIVE GPA: 3.1   *August 2012 - May 2016*
- Additional Studies: Typographic Design, Codes and Code-breaking
- Extracurricular: Open Source Club, Society of Asian-American Scientists and Engineers, Association of Computing Machinery

Languages & Skills

Languages   Python, Java, C, Ruby, Javascript, C#, Visual Basic
DevOps   AWS (EC2, RDS, S3, Lambda, CLoudFormation, CloudWatch, Route53), Continuous Integration(CircleCI, Jenkins), Continuous Delivery(Chef, Docker)
Frameworks AngularJS, Rails, Bootstrap, Skeleton, Flexbox, ASP.NET, Meteor
Database   PostgreSQL, MongoDB, MSSQL
Markup   HTML, XML, Markdown, LaTeX