

Vincent Chen
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Education

UNIVERSITY OF MARYLAND, College Park, Maryland 2010 - 2014
B.S. in Computer Science with a minor in Chinese Language
Honors Citation – Digital Cultures and Creativity Honors College
GPA: 3.5

Relevant Coursework: Algorithms, Modern Cryptography, Artificial Intelligence, Human Computer Interactions, Data Structures

Work Experience

- MICROSOFT, Seattle, WA 2014-2017
Software Engineer in Test/Software Engineer: 343 Industries Multiplayer Lobby Team
- A member of the Lobby team which helped deliver a AAA quality multiplayer launch for Halo 5 (October 2015).
 - Originally specialized in testing (before transitioning to a standard SDE position). Wrote and contributed to build verification tests, automated nightly functional testing, and high load stress testing.
 - Reduced nightly deployment removals from 4 hours to 15 minutes (and improved reliability from ~50% to 99.9% success rate)
 - Sole Developer in an Experimental AB-testing framework that was shipped to several hundred thousand active users. This framework has been used in several very useful live AB tests that has shaped many important business decisions.
 - Designer and Developer of a cloud-based retention service that allowed client testers to manage their private deployments.
- AMAZON, Seattle, WA Summer of 2013
SDE Intern at Amazon Web Services: Amazon Linux Distro
- Developed metrics tools for Amazon Web Services' package statistics.
 - Used a cron job to automate package statistics gathering then used Django to create a central web hub to view the data.
- UNIVERSITY OF MARYLAND, College Park, MD 2012-2013
Research Assistant: SM3 Research Group
- UNIVERSITY OF MARYLAND, College Park, MD 2011-2012
Web Developer Assistant at the Office of Student Financial Aid
- ING DIRECT, Wilmington, DE Summer of 2011
Web Designer Intern for the Change Management Department

Technical Skills

Technical Languages:

Expert (3+ years' experience): C#, Java, Python
Proficient (1-3 years' experience): C, Ruby, Lisp, Powershell, Javascript
Basic (<1 year): y86 Assembly, Ocaml

Software and Libraries:

Cloud Services: Azure, Amazon Web Services, Digital Ocean
Source Control: TFS, Git, SVN
Databases: MySql, SQLite, Amazon NoSQL,
Diagnostic Tools: Fiddler, NetMon,
Libraries: Microsoft Orleans, WinForms, JQuery, ASP.NET, D3, Apache, Django
Engine (hobbyist): Unity, Flash