

Alex Stoddard

EDUCATION **University of Washington**, Seattle, Washington
B.S in Computer Science, June 2014

OBJECTIVE To bring a diverse skill set and background to bear on fulfilling engineering challenges.

WORK EXPERIENCE **Oracle (OCI - Oracle Cloud Infrastructure)**
Senior Member of Technical Staff **May 2018 – October 2019**

- Delivered high priority features for Oracle Virtual Networks from design to implementation
- Evolved existing Virtual Networking APIs to apply platform compliant authorization schemes
- Modeled and implemented novel partner-requested layer 2 concepts in Oracle Virtual Networks
- Led phased integration of acquired DNS service as an in-place substitute for prior implementation
- Logged extensive DevOps duties supporting mission critical web services running at scale
- Designed and engineered UX for Virtual Networking features in React/TypeScript/ClojureScript
- Bootstrapped service for a newly formed project and integrated with Oracle Cloud platform
- Worked to ensure that encryption was internally compliant across Oracle Cloud

Citrix Systems

Senior Software Engineer **July 2016 – March 2017**

- Engineered key Azure marketplace web services in cross-company collaboration with Microsoft
- Designed Azure marketplace UX in TypeScript/Knockout.js
- Developed leadership skills by speaking at tech conferences and mentoring interns through projects

Software Engineer II **March 2015 – July 2016**

- Owned project life-cycle of Azure infrastructure solution to stand up complex Citrix deployments
- Developed Azure-integrated OAuth flows for Citrix Studio
- Diagnosed and resolved stubbornly complex integration issues between Azure and Citrix software

Software Engineer **July 2014 – March 2015**

- Modeled and engineered Azure VM provisioning as a novel hypervisor target for XenDesktop
- Collaborated on development of a XenDesktop provisioning SDK for external vendors
- Refactored legacy C# Windows Forms application in WPF MVVM framework
- Automated process for a team developing against Azure with PowerShell

SKILLS **Production Languages:** Java, C#, JavaScript, Python
Familiar Languages: C, C++, Bash, PowerShell, Ruby, Haskell, ML, Lisp
Web Services: Azure, AWS, Oracle Cloud, REST, TypeScript, React, Rails, ASP.NET, DevOps
OS/Virtualization: Linux, Docker, Vagrant, VMWare, Windows Server, Hyper-V
Data: SQL, JSON, OracleDB, MySQL, PostgreSQL, SQL Server, XML/XPATH
Version Control: Git, Subversion

AWARDS AND RECOGNITION **Golden Key & Eta Kappa Nu Honor Societies** **2012-2013**
RealNetworks & David N. Cutler Scholarships **2012, 2013**
Outstanding Undergraduate Research Achievement in Physics **2011**