Benjamin Chalmers

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EXPERIENCE

Citrix Systems, Inc. — *Staff Software Engineer*

August 2009 - PRESENT

Development Lead, XenServer Windows Domain Team

Development Lead, XenServer Datapath Team

Scrum Master, XenServer 'Hydra' Cross Functional Team

Scrum Master, XenServer Datapath Team

Technical Lead, XenServer 6.1 Product

Analysis and Requirement creation on behalf of the Product Management team for XenServer product

Introducing agile software development processes into XenServer engineering

Reforming agile software development processes to focus on Unified Engineering and Cross Functional Teams

Leading agile ceremonies, and assisting product owners and team members in participating in the Scrum processes

Technical oversight of product to release, and reporting and resolving issues arising during a troubled development process

Developing process for improved branch management and defect ticketing and guiding them through introduction into XenServer Engineering

Windows Driver Development (Xenserver Windows PV Tools) in C

Build system development in Python, using Jenkins

Windows Installer Design & Development in Wix

Windows Guest Agent Development in C#

Unit testing using NUnit & Bullseye for coverage

Static Verification using SDV & Coverity

Cross team development projects, improving inter–team relationships within the company.

International development projects working with teams in Nanjing, Bangalore and Boston

SKILLS

Technical Team Leadership

Corporate process introduction & development

Customer focus

Software Development

Virtualization & Networking Technologies

PUBLICATIONS

Patent US20130282776A1 – Trusted File Indirection

Cross company interactions, working with teams at Microsoft and Inspur

Lifecycle Management Development & Technical assistance, working closely with support roles

Resolving conflicts between team members, and between corporate teams

Building customer relationships as technical expert on customer calls and attending Citrix User Group meetings, Member of Customer Empathy Team.

Progress Software — *Senior Software Engineer*

April 2009 - August 2009

Architected second generation trading platform for the Apama product

Maintained and improved abstract interface client to Apama product

Designed & Implemented debugging support tooling for Apama product

Languages used: Monitorscript, C#, Python, C++

Solarflare Inc. — *Senior Software Engineer*

September 2004 - April 2009

Developed NDIS and WDF device drivers for Solarflare silicon and 10GBaseT network devices

Developed user level low latency TCP/IP stack (OpenOnload), adding substantial windows support

Languages used: C, Python

Neurodynamics Ltd — *Senior Software Engineer*

March 2001 - August 2004

Future TV Ltd — *Junior Software Engineer*

August 1999 - February 2001

EDUCATION

University of Cambridge, Fitzwilliam College — *BA (Hons)*

October 1996 - June 1996

Computer Science Tripos