

Benjamin Gay

Senior Security Program Manager at Microsoft

Benjamin@bengay.ws | <http://benjamingay.com>

Summary

I am a Senior Program Manager responsible for hardening the Office 365 cloud. Or, to put it another way I am a data-driven person accountable for providing a first rate security experience by making it demonstratively harder for bad actors in the Office 365 cloud. I have implemented first-rate methods, processes, and procedures to detect, protect and evict malware and bad actors from the network as well as ensure that we strictly adhere to complex compliance and data handling legislation for multiple regions.

In my spare time I like to hack on personal projects, practice photography and travel.

Experience

Senior Program Manager at Microsoft

March 2017 - Present

I am responsible for making the Office 365 environment more secure through network hardening and isolation, threat detection and eviction. Implementing compliance with standard Security Technical Implementation Guides (STIG) and National Institute of Standards and Technology guides.

Accomplishments.

Hardened Office 365 production environment using host based firewalls with dedicated hardware devices.

Scalable network eviction methods for containment and ejection of bad actors from Office 365.

Skills/ Technology.

Program Management, Partner Management, Requirements Definition, Security, SWE, Intrusion Detection and Prevention, Big data analysis, Competitive Analysis, Identity Management, C#, SQL

Senior Program Manager at Microsoft

July 2014 - March 2017 (2 years 9 months)

I was responsible for sunsetting legacy Office 365 customer offerings and decoupling internal reporting and billing system dependency on third party vendors.

Accomplishments.

Successfully sunset third part messaging offerings resulting in substantial head-count and operational expenditure reduction.

Drove modernization of telemetry.

Skills/ Technology.

Partner Management, Program Management, Requirements Definition, SQL, RDMS, Telemetry Analysis, Competitive Analysis

Program Manager at Microsoft

April 2013 - June 2014 (1 year 3 months)

I was responsible for Windows 8.1 Global Navigation Satellite System (GNSS) Independent Hardware Vendor (IHV) engagement and driver development. Took over driver ownership and partner engagement for GNSS for Threshold release after OSG reorganization, responsible for converged driver stack and partner engagement.

Accomplishments.

High quality Windows Hardware Compatibility List certified drivers for GNSS IHV partners for Windows 8.1 release.

Significant contributions to converged driver for Threshold release.

Skills/ Technology.

Partner Management, Program Management, Requirements Definition, C#, WHCL, Sensor and location API, Telemetry Analysis, Competitive Analysis

Lead, Software Design Engineer in Test at Microsoft

January 2010 - April 2013 (3 years 4 months)

I managed a team of 14 people for the Lync Open Interoperability Certification program that was used to

ensure SIP GW and PBX interoperability between Microsoft and third parties including Cisco, Audio Codes and HP.

Accomplishments.

Commoditizing the Open Interoperability Program, reducing the cost of certification and establishing third party regional outsource certification centers.

Shipped Lync 2010, Lync 2013, Lync Open Interoperability Tool V1

Skills/ Technology

Partner Management, Program Management, Requirements Definition, Scrum, Agile, C#, SIP, VoIP, Telephony, PBX, GW, Cisco

Software Design Engineer In Test at Microsoft

September 2006 - January 2010 (3 years 5 months)

I was the subject matter expert for Outlook Information Rights Management (IRM), Outlook Virtualization, Reduced Functionality Mode Feature, Entourage Interoperability and the Outlook Security configuration and settings in the Outlook MBD (Office Communications & Forms) team.

My responsibilities included accountability for the quality of my Outlook feature areas through writing high quality test automation and documentation, ensuring cross-platform engagement with partner organizations. Managing cross-group relationships between my feature areas and partner teams.

Accomplishments.

Shipped Outlook 2007; Outlook 2007 SP1; Outlook 2007 SP2, Outlook 2010

Shipped Office Security Guide for Office 2007, 2010
Cross group contact for Outlook virtualization and Macintosh interoperability (Entourage team).
Feature owner for Information Rights Management, Setup and Deployment, Application configuration and Reduced Functionality Mode.

Skills/ Technology

Partner Management, Requirements Definition, Test Plan Development, C#, Windows Security, Group Policy, Virtualization,

Software Design Engineer In Test at Microsoft

October 2004 - September 2006 (2 years)

I worked on the Windows Firewall, Windows Filtering Platform and IPsec Offload Driver a prototype that was to become Microsoft Direct Access.

Accomplishments

VP Customer Connection Award

Shipped Windows Vista RC1, RC2, RC3 and RTM components of Windows Filtering Platform and IPsec driver.

Shipped prototype of Microsoft DirectAccess

Skills/ Technology

IPsec, Windows Firewall, Routing and Remote Access, Test Plan Development, C#, Requirements Definition, Packet Analysis, Data Analysis

Software Design Engineer In Test at Microsoft

September 2003 - October 2004 (1 year 2 months)

I worked on protocol validation for Connection Manager, deployment profiles and configuration for the Connection Manager Administrative Toolkig (CMAK) and firewall validation and interoperability for the Windows Firewall.

Accomplishments

Goldstar Award for work done with Windows Firewall and Real Networks.

Shipped Windows XP SP2; Windows Server 2003 SP1

Represented Windows Firewall at RSA Security Conference launch

Linux competitive analyses for VP

Modification of Microsoft TCP client implementation and the Cisco VPN client.

Skills/ Technology

Packet Analysis, Test Plan Development, Documentation, C#, Protocols, Firewall, RAS, Connection Manager

Education

4 year Bachelor of science equivalent as evaluated by University of North Carolina at Charlotte for H1B application.