

Hunter Hudson – hunter@hunterhudson.com – (425)785-2520

Experience	Head of Autonomy Technology	2016 - Present
	Northrop Grumman Corporation, San Diego, CA and various sites	
	<ul style="list-style-type: none">• Head of Autonomy Technology portfolio, accountable for autonomous systems research, development, and technology transfer into major weapon systems.• Head of Software for Aerospace Sector, accountable for >500M of annual business, delivering across a large diverse portfolio of manned aircraft (including B-2), unmanned aircraft (including X-47B), spacecraft (including James Webb Space Telescope), Directed Energy Laser systems, Missile Systems (including Ground Based Strategic Deterrent), and many research engagements (including DARPA).	
	Senior Manager of Software Development	2014 - 2016
	Amazon, AWS EC2 Networking and Prime Air UAV teams, Seattle, WA	
	<ul style="list-style-type: none">• Managed the performance, security, and capacity of the EC2 virtual networks.• Lead of Prime Air delivery drone's software platform effort.	
	Senior Director of Product Development	2012 - 2014
	F5 Networks, Bellevue, WA	
	<ul style="list-style-type: none">• Established and managed F5 Network's Bellevue engineering center.• Created and launched a new cloud management product line.	
	Director of Engineering	2010 - 2012
	Microsoft Applied Robotics Solutions, Redmond, WA	
	<ul style="list-style-type: none">• Demonstrated application of machine learning to mobile robot navigation.	
	Director of Software	2006 - 2010
	Microsoft Windows Azure, Redmond, WA	
	<ul style="list-style-type: none">• Founding member of the initial "Reddog" cloud effort at Microsoft.• Established initial Cloud Management Team and scaled to global presence.	
	Development Manager	2004 - 2006
	Microsoft Windows Core OS Division, Redmond, WA	
	<ul style="list-style-type: none">• Classified the root causes behind past security issues, updated static analysis tools, made 250,000 code changes to Windows, eliminating >50% of root causes.• Awarded Microsoft Chairman's Award for Engineering Excellence for this impact.	
	Research Software Design Engineering Lead	1999 - 2004
	Microsoft Programmer Productivity Research Center, Redmond, WA	
	<ul style="list-style-type: none">• Pioneered hung app diagnostics; fixing >50% of the volume of hangs in Office.• Integrated static analysis tools into Windows engineering lifecycle.	
	Research Software Design Engineer	1996 - 1998
	Quest Integrated, Inc., Seattle, WA	
	<ul style="list-style-type: none">• Developed the world's leading thermal analysis microscope.	
Education	MSEE, Electrical Engineering , Computer Vision Based Inspection Systems	1997
	University of Washington, Seattle, WA	
	BE, Electrical Engineering and Biomedical Engineering	1995
	Vanderbilt University, Nashville, TN	
Clearance	TS/SCI	