

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 490M 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 UAV platform software 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	