

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 computer vision based 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