

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

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