

Kevin T. Manley

CONTACT INFORMATION	20 Clayton Place Ridgefield, CT 06877 cell: (203) 501-5006	kevin.manley@gmail.com linkedin.com/in/kevinmanley github.com/kmanley
PROFILE	Full stack developer. Hands-on software architect. Excellent communicator. Effective as individual contributor or team leader.	
PROFESSIONAL EXPERIENCE	Utiliz (myutiliz.com) , Ridgefield, CT <i>Founder & CTO</i> Built all company technology: consumer site, admin site, simulation & workflow engine, web scrapers, supplier & payment integration. Go/RethinkDB/HTML/jQuery/AWS (S3, SES)/Stripe.	Apr 2016 – Present
	Bank of America Merrill Lynch , New York, NY <i>Director</i> Built trading & marking applications for multi-billion dollar mortgage trading desk. Managed a global team. Python/NoSQL/grid/async/GUI.	Jun 2012 – Dec 2015
	Bridgewater Associates , Westport, CT <i>Software Architect</i> Built backoffice app framework for world's largest hedge fund. Brought modern ideas to an aging software stack, improving performance & reliability. Trained and mentored team. Python/C#/SQL Server/HTML/jQuery/REST.	Aug 2010 – Jun 2012
	Independent Consultant , London, UK Specialized in scaling hedge fund and bank EOD batch processing using grid computing. Python/C/C++/SWIG/SQL Server/HTML/Javascript/Sungard Front Arena/grid/async.	Jul 2006 – Aug 2010
	<ul style="list-style-type: none">· Standard Bank Built next generation credit risk engine, result was 50% less code and 5x faster.· Capula Global Leveraged unused capacity on 70 desktop machines to speed up EOD batch 4x.· Conduit Capital Built a fast, distributed Monte Carlo pricing framework for exotic derivatives.· Peloton Partners Sped up daily P&L reporting 14x from 7h to 30m.· Citi Implemented cost-based distributed FX option pricing on Platform Symphony grid.· Barclays Capital Key developer on Core Risk Engine. Embedded Python for easier testing.	
	Arts Alliance Media Ltd. , London, UK <i>Architect & Lead Software Developer</i> Built Newman Online, an advanced SaaS cinema management system currently running hundreds of screens across Europe. Python/SQL Server/XML/HTML/electronic payments/hardware integration.	Oct 2002 – Jun 2006
	Software Developer , Tucson, AZ & Seattle, WA Multiple C/C++ roles from mobile games to Internet ad servers. Details on request.	Sep 1992 – Oct 2002
	US Air Force , Davis-Monthan Air Force Base, Tucson, AZ <i>Officer</i> Transformed the bio-engineering field with novel software. Led a team in Operation Desert Storm.	Sep 1988 – Sep 1992
PROGRAMMING SKILLS	Python, Go (golang), HTML, CSS, JS/jQuery, C/C++, SQL, NoSQL, concurrent/async/event-driven programming, grid computing, SOA, microservices, OOP, XML, JSON, HTTP, REST, TCP/IP, requirements gathering, large scale software design, TDD, Agile, version control (git, svn)	
EDUCATION	University of Washington , Seattle, WA <i>MS Computer Science (Honors)</i> Worcester Polytechnic Institute , Worcester, MA <i>BS Electrical Engineering (High Distinction)</i> . 4 Year US Air Force Scholarship.	2001–2002 1984–1988
REFERENCES	Available on request	