

Maxwell C. Renke

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TECHNICAL SKILLS

Networking Protocols

- Filtering Database, VLAN, Spanning Tree, Rapid Spanning Tree, Multiple Spanning Tree, LACP, LLDP, LLDP-MED, QoS, Rate Limiting, MACsec, DCBX, Open Compute Project, Metro Ethernet Forum, RDMA, DHCP, SSH, DNS, HTTP, HTTPS

Programming Languages

- C, Java, Python, JavaScript, Node.js, Bash, HTML

Other Technologies

- Windows Kernel (OneCore), Windows Containers, Agile Development, Git, SVN, LaTeX, Ixia Traffic Generator (IxOS), Wireshark

EDUCATION:

Masters of Science in Computer Science

University of New Hampshire (UNH), Durham, NH

GPA: 3.54/4.00

December 2016

Thesis: Creating and Expanding a Conformance Testing Framework for the UNH Extended Sockets Library via the Implementation of Synchronous and Asynchronous File Transfer over RDMA

Bachelor of Science in Computer Science, Cum Laude

University of New Hampshire (UNH), Durham, NH

GPA: 3.42/4.00

May 2015

Budapest University of Technology and Economics (BME), Budapest, Hungary

August - December 2013

RELATED PROFESSIONAL EXPERIENCE:

Microsoft

Program Manager, Windows Devices Group, Base Kernel

February 2017 – Present

- Working on Windows Defender Application Guard

University of New Hampshire Interoperability Laboratory (IOL)

Project Manager, Datacenter Technologies

July 2015 – January 2017

- Led a team of 4 employees, responsible for all aspects of managing the team including being a technical resource for all layer 2 networking protocols, mentoring junior employees, and achieving strategic objectives for the team as a whole
- Managed vendor relationships with 10-15 vendors; drove improvements in testing and troubleshooting process
- Focused on leading by example to give members of my team the tools to think critically and solve problems

Test Technician, Datacenter Technologies

May 2012 - July 2015

PAPERS:

Research Paper, Student's Scientific Conference, BME

November 12, 2013

- Received second place for paper entitled *The Role of Alternative Currencies in the Global Marketplace*

Grid-Based Path-Planning Competition 2015

December 14, 2015

- *Speedy and Weighted A* Implementations for the Grid-Based Path-Planning Competition*

AWARDS:

Graduate Research Assistant, University of New Hampshire Interoperability Laboratory

July 2015, July 2016

- Awarded full tuition and stipend based on performance

IOL Star, University of New Hampshire Interoperability Laboratory

January 15, 2015/January 13, 2017

- Awarded by peers for meritorious service

Eagle Scout Troop 109, Londonderry, NH

May 5, 2010

- Created Community Education and Awareness Presentation on Celiac Disease