

Megan C. Heller

Megan.Heller@ibm.com

(845) 332 - 8834

Interconnect Qualification Engineer supporting IBM Infrastructure including IBM Z and Power servers, and Quantum systems. Experienced in supplier quality and qualification work including leading on-site audits, creating qualification protocol, and driving 8D and corrective actions when needed. Co-Chair of IBM's Power Cord Council which drives synthesis between IBM divisions and brands. Has been recognized at an organizational level for cost-reduction activities in relation to commonality, industry standards, and warehouse inventory management.

EDUCATION	University of Rochester , College of Arts, Sciences, and Engineering B.S. in Mechanical Engineering, GPA 3.8/4.0	Rochester, NY	8/2015 – 6/2020
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WORK EXPERIENCE	<i>Staff Interconnect Qualification Engineer</i>	<i>IBM</i>	Houston, TX	4/2022 - Present
	<i>Entry Interconnect Qualification Engineer</i>	<i>IBM</i>	Poughkeepsie, NY	8/2020-4/2022

- Interconnect Brand Focal Point for IBM zSeries • Co-Chair of Power Cord Council: synthesizes requirements and offerings across IBM Infrastructure brands • IBM Certified Auditor: conducts on-site and virtual quality and qualification audits • Technology Owner for Line Cord, Power Harnesses, Power Jumpers • Lead Supplier Quality Engineer for 3 suppliers • Manages qualification, part changes, quality concerns, 8D and corrective actions, and manufacturing quality for 7 key suppliers

<i>Interconnect Technology Intern</i>	<i>IBM</i>	Poughkeepsie, NY	6/2019 - 8/2020
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- Designed a tester in order to measure efficiency of light pipes for z Series and p Series computers using Catia • Evaluated PCIe connectors using tolerance and statistical analysis with measurement verification on a Keyence Comparator and an Electron Microscope • Headed an investigation into the welds within a connector; designed a custom fixture for Instron testing • Converted 3-D Catia models into drafts in order to facilitate machining

<i>Undergraduate TA for Introduction to Materials</i>	<i>U of Rochester</i>	Rochester, NY	9/2019 -12/2019
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- Selected out of a large application pool for junior-level class of over 100 students • Held open office hours to answer questions regarding homework and exams • Responsible for the grading of tests and examinations • Planned and headed pre-test review sessions

SKILLS	<i>Proficient in:</i> <ul style="list-style-type: none">• MATLAB• Onshape	<ul style="list-style-type: none">• Creo Parametric• Python• VBA	<ul style="list-style-type: none">• Catia• LabVIEW• HTML, Microsoft Office
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ACTIVITIES	<ul style="list-style-type: none">• Society of Women Engineers (SWE), member• SWE Next, Volunteer• University of Rochester Club Tennis, secretary• University of Rochester Club Softball, member
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RECOGNITION	<ul style="list-style-type: none">• Outstanding Technical Achievement Award: Cost Savings Through Effective Inventory Management• First Patent Submission (Pending): Cable Connector Strain-Limiting Release Mechanism(s)• IBM Tech Connect: Honorable Mention, Evaluating Ultrasonic Weld Reliability• IBM Tech 2023 Invitee: IBM's conference for Top Technical Talent• IBM Excellence Award: Lead Auditor on New Supplier Qualification
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