

Richard H. Schuster

1346 NE 84th Ln
Beaverton, OR
97006

rich@richschuster.com
424-225-2159
USA citizen

Summary

Field Applications Engineer Team Lead supporting KLA's overlay metrology tools. Facilitate the timely resolution of customer issues between the local team and divisional resources. A robust technical skillset enables rapid troubleshooting in the field

Experience

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| KLA-Tencor
<i>Applications Engineer</i>
Hillsboro, OR
2016 – Present
Chandler, AZ
2013 – 2016 | <ul style="list-style-type: none">• Team Lead: coordinates between customer, local team, and division to ensure issues are addressed rapidly• Coach and guide customers on usage of Archer overlay metrology system• Perform local troubleshooting and disposition of issues• Communicate learnings and challenges from the customer to manufacturing for the development of next generation tools |
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Education

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| Oakland University
Rochester, MI
May 2013 | <ul style="list-style-type: none">• M.S. in mechanical engineering• Thesis studied the removal of water from PEM fuel cells• Additional fuel cell research during NSF International Research Experience at Jiaotong University in Beijing, CN |
| University of Michigan
Ann Arbor, MI
May 2010 | <ul style="list-style-type: none">• B.S.E in chemical engineering• Senior design project modeled a facility to produce hydrazine• Study abroad at Macquarie University in Sydney, AU |

Previous Employment

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| A123 Systems
<i>Internship</i> | <ul style="list-style-type: none">• Performed abuse testing of lithium ion battery modules for automotive applications• Reviewed in-line manufacturing quality control results |
| Cobasys
<i>Internship</i> | <ul style="list-style-type: none">• Constructed prototype battery systems for hybrid vehicles• Performed warranty tear down on defective packs |
| Siemens VDO Automotive
<i>Technician</i> | <ul style="list-style-type: none">• Ran heat and vibrations testing on automotive electrical components |

Activities & Skills

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| Software Proficiency | <ul style="list-style-type: none">• Statistical data exploration and scripting with Excel, JMP, Python• Project and resource tracking with Wrike• System administrator for services running in Windows and Linux environments on bare metal, VMs, and in Docker Containers |
| Schuster Mechanical | <ul style="list-style-type: none">• Family business providing precision machining and design• Primary product is test fixtures for automotive component reliability testing• Skills used: CNC milling, metal lathe turning, water jet operation, CAD/CAM using Autodesk Fusion 360 |