

# JASON D. KIESLING

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## SKILLS

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<b>Languages</b>	C/C++, JavaScript, Python, L <sup>A</sup> T <sub>E</sub> X
<b>Tools</b>	Node.js, React.js, Express, Continuous Integration, Git/GitHub
<b>Server Technologies</b>	Linux, MongoDB, PostgreSQL Nginx

## EDUCATION

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<b>University of Massachusetts Lowell</b>	Expected December 2020
B.S. Computer Science	
Minors in Business and Mathematical Sciences   Member of Commonwealth Honors College	

## PUBLICATIONS

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<b>MYR: A Web-Based Platform for Teaching Coding Using VR</b>	February 2019
C. Berns, G. Chin, J. Savitz, J. Kiesling, F. Martin	
SIGCSE 2019 - The 50th ACM Technical Symposium on Computer Science Education	

## WORK EXPERIENCE

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<b>Dassault Systèmes</b>	<i>Waltham, MA</i>
<b>SOLIDWORKS User Assistance Developer - Intern</b>	January 2020 - September 2020
◦ Defining and implementing the future of the SolidWorks "What's New" portal	
<b>University of Massachusetts Lowell</b>	<i>Lowell, MA</i>
<b>Lead Developer</b>	May 2018 - Present
◦ Lead a team of 8 developers in creating and maintaining LearnMYR.org.	
◦ Develop onboarding documentation, lead code review, and lead development process.	
◦ Develop and design the front-end, back-end, and server infrastructure of LearnMYR.org.	
◦ Design and execute research studies to advance Computer Science Education.	
◦ Assisted and presented at Computer Science summer camps and professional conferences.	
<b>Grader, Computing III</b>	September 2019 - December 2019
◦ Grade student assignments for Computing III (Object Oriented Programming in C++).	
<b>Dassault Systèmes</b>	<i>Waltham, MA</i>
<b>ENOVIA Quality Assurance Engineer - Intern</b>	May 2019 - August 2019
◦ Created automated API tests and mobile UI tests to ensure code quality.	
◦ Assisted in research of new automated testing software and techniques.	
◦ Collaborated with other teams to introduce new automated testing techniques.	

## PROJECTS

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<b>Team Lead   Foreman/Katello UI Development   Red Hat &amp; UMass Lowell</b>	October 2019 - Present
◦ Team lead for the Red Hat Foreman/Katello UI Development software engineering project at UML.	

## VOLUNTEER EXPERIENCE

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<b>Association for Computing Machinery, UML Student Chapter</b>	<i>Lowell, MA</i>
<b>Vice President</b>	December 2019 - Present
◦ Serve as the second highest officer in the chapter and assist in all chapter activities.	

## AWARDS AND HONORS

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- **Eagle Scout** | Boy Scouts of America | March 2017
- **Vigil Honor Member** | Order of the Arrow, Boy Scouts of America | October 2016

## CERTIFICATIONS

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- **Human Research - Social & Behavioral Research** | CITI Program | June 2018 - June 2021