

# JASON D. KIESLING

Lowell, MA | jason@jasondkiesling.com | 781-366-0091

## 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 — GPA: 3.4	
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 - Present
<ul style="list-style-type: none"><li>Design a full stack web application to highlight the latest SOLIDWORKS features.</li><li>Implement the What's New Portal design using React, Express, and PostgreSQL.</li><li>Manage the timeline for the development and release of the What's New Portal.</li></ul>	
<b>University of Massachusetts Lowell</b>	<i>Lowell, MA</i>
<b>Lead Developer</b>	May 2018 - Present
<ul style="list-style-type: none"><li>Lead a team of 8 developers in creating and maintaining LearnMYR.org.</li><li>Develop onboarding documentation, lead code review, and lead development process.</li><li>Develop and design the front-end, back-end, and server infrastructure of LearnMYR.org.</li><li>Design and execute research studies to advance Computer Science Education.</li><li>Assisted and presented at Computer Science summer camps and professional conferences.</li></ul>	
<b>Grader, Computing III</b>	September 2019 - December 2019
<ul style="list-style-type: none"><li>Graded student assignments for Computing III (Object Oriented Programming in C++).</li></ul>	
<b>Dassault Systèmes</b>	<i>Waltham, MA</i>
<b>ENOVIA Quality Assurance Engineer - Intern</b>	May 2019 - August 2019
<ul style="list-style-type: none"><li>Created automated API tests and mobile UI tests to ensure code quality.</li><li>Assisted in research of new automated testing software and techniques.</li><li>Collaborated with other teams to introduce new automated testing techniques.</li></ul>	

## PROJECTS

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<b>Team Lead   Foreman/Katello UI Development   Red Hat &amp; UMass Lowell</b>	October 2019 - May 2020
<ul style="list-style-type: none"><li>Lead the development of a front-end React wrapper for Foreman in collaboration with Red Hat.</li></ul>	

## 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
<ul style="list-style-type: none"><li>Serve as the second highest officer in the chapter and assist in all chapter activities.</li></ul>	

## 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