

# JASON D. KIESLING

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## SKILLS

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<b>Languages</b>	C/C++, JavaScript, Python
<b>Tools</b>	Node.js, Express, Continuous Integration
<b>Server Technologies</b>	Linux, MongoDB, Nginx, Amazon Web Services
<b>Interpersonal Skills</b>	Team Management, Communication, Public Speaking

## 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>ENOVIA Automation Test Engineer</b>	May 2019 - August 2019
◦ Summer 2019 Intern at the Dassault Systèmes US Headquarters in Waltham, MA	

<b>University of Massachusetts Lowell</b>	<i>Lowell, MA</i>
<b>Lead Developer</b>	March 2019 - Present
◦ Leads a team of developers in creating and maintaining LearnMYR.org.	
◦ Develops and designs both the front-end and back-end of LearnMYR.org.	
◦ Maintains production and development servers for LearnMYR.org and isenseproject.org.	
◦ Creates tools and lesson plans to advance K-12 computer science education in a research laboratory.	
◦ Teaches students to conduct research and further their knowledge in computer science.	

<b>Developer</b>	May 2018 - March 2019
◦ Developed new back-end of LearnMYR.org using Node, Express, and MongoDB.	
◦ Developed front-end of LearnMYR.org using React, A-Frame, Three.js, and other tools.	
◦ Managed launch of LearnMYR.org onto a self-hosted platform.	
◦ Assisted with Computer Science summer camps and professional conferences.	
◦ Presented research at the SIGCSE Technical Symposium.	

## VOLUNTEER EXPERIENCE

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<b>Order of the Arrow, Boy Scouts of America</b>	<i>Irving, TX</i>
<b>Web Operations Lead</b>	April 2014 - Present
◦ Leads a team of volunteers with the daily operations of a website serving a youth organization of over 150,000 members.	

## 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
- **Basic Life Support for Health Care Providers** | American Heart Association | June 2016 - September 2020