

# JASON D. KIESLING

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## SKILLS

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<b>Languages</b>	C/C++, JavaScript, Python
<b>Tools</b>	Node.js, React.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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**University of Massachusetts Lowell** Expected December 2020  
B.S. Computer Science  
Minors in Business and Mathematical Sciences | Member of Commonwealth Honors College

## PUBLICATIONS

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**MYR: A Web-Based Platform for Teaching Coding Using VR** 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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**Dassault Systèmes** *Waltham, MA*  
**ENOVIA Automation Test Engineer** May 2019 - August 2019  
◦ Summer 2019 Intern at the Dassault Systèmes US Headquarters in Waltham, MA

**University of Massachusetts Lowell** *Lowell, MA*  
**Lead Developer** 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.

**Developer** 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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**Order of the Arrow, Boy Scouts of America** *Irving, TX*  
**Web Operations Lead** 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