

JASON D. KIESLING

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SKILLS

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

EDUCATION

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

PUBLICATIONS

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

Dassault Systèmes	Waltham, MA
ENOVIA Quality Assurance Engineer - Intern	May 2019 - August 2019
◦ Create automated API tests to ensure code quality.	
◦ Develop automated UI testing for mobile devices.	
◦ Assist in research of new automated testing software and techniques.	
◦ Collaborate with other teams to introduce new automated testing techniques.	

University of Massachusetts Lowell	Lowell, MA
Lead Developer	March 2019 - Present
◦ Lead a team of developers in creating and maintaining LearnMYR.org.	
◦ Develop and designs both the front-end and back-end of LearnMYR.org.	
◦ Maintain production and development servers for LearnMYR.org and isenseproject.org.	
◦ Create tools and lesson plans to advance K-12 computer science education in a research laboratory.	
◦ Teach 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

Association for Computing Machinery, UML Student Chapter	Lowell, MA
Treasurer	April 2019 - Present
◦ Serve as a member of the executive board for the UML chapter of the ACM.	

AWARDS AND HONORS

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

CERTIFICATIONS

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