

JASON D. KIESLING

Waltham, MA 02453 | jason@jasondkiesling.com | 781-366-0091

SKILLS

Languages	C/C++, JavaScript, Python, L ^A T _E X
Tools	Node.js, React.js, Express, Continuous Integration, Git/GitHub
Server Technologies	Linux, MongoDB, PostgreSQL Nginx, Amazon Web Services

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

University of Massachusetts Lowell	<i>Lowell, MA</i>
Lead Developer	May 2018 - Present
<ul style="list-style-type: none">◦ Lead a team of 8 developers in creating and maintaining LearnMYR.org.◦ Develop onboarding documentation, leads code review, and leads development process.◦ Develop and designs both the front-end and back-end of LearnMYR.org.◦ Maintain production and development servers for LearnMYR.org and isenseproject.org.◦ Lead project rewrite for isenseproject.org.◦ Design and executes research studies to advance Computer Science Education.◦ Developed new back-end of LearnMYR.org using Node, Express, and MongoDB on a self-hosted platform.◦ Assisted and presented at Computer Science summer camps and professional conferences.	
Grader, Computing III	September 2019 - Present
<ul style="list-style-type: none">◦ Grade student assignments for Computing III (Object Oriented Programming in C++).	
Dassault Systèmes	<i>Waltham, MA</i>
ENOVIA Quality Assurance Engineer - Intern	May 2019 - August 2019
<ul style="list-style-type: none">◦ 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

Team Lead Foreman/Katello UI Development Red Hat & UMass Lowell	October 2019 - Present
<ul style="list-style-type: none">◦ Team lead for the Red Hat Foreman/Katello UI Development software engineering project at UML.	

VOLUNTEER EXPERIENCE

Association for Computing Machinery, UML Student Chapter	<i>Lowell, MA</i>
Treasurer	April 2019 - Present
<ul style="list-style-type: none">◦ 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