

JASON D. KIESLING

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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

EDUCATION

University of Massachusetts Lowell	Expected December 2020
B.S. Computer Science — GPA: 3.4	
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	<i>Waltham, MA</i>
SOLIDWORKS User Assistance Developer - Intern	January 2020 - Present
<ul style="list-style-type: none">Design a full stack web application to highlight the latest SOLIDWORKS features.Implement the What's New Portal design using React, Express, and PostgreSQL.Manage the timeline for the development and release of the What's New Portal.	

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, lead code review, and lead development process.Develop and design the front-end, back-end, and server infrastructure of LearnMYR.org.Design and execute research studies to advance Computer Science Education.Assisted and presented at Computer Science summer camps and professional conferences.	

Grader, Computing III	September 2019 - December 2019
<ul style="list-style-type: none">Graded 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 - May 2020
<ul style="list-style-type: none">Lead the development of a front-end React wrapper for Foreman in collaboration with Red Hat.	

VOLUNTEER EXPERIENCE

Association for Computing Machinery, UML Student Chapter	<i>Lowell, MA</i>
Vice President	December 2019 - Present
<ul style="list-style-type: none">Serve as the second highest officer in the chapter and assist in all chapter activities.	

AWARDS AND HONORS

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