

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 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

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

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