

# Jason D. Kiesling

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Waltham, MA | Jason@JasonDKiesling.com | 781-366-0091

## TECHNICAL SKILLS

- C/C++
- JavaScript
- MongoDB
- Express
- Node
- Linux
- Server Management
- Continuous Integration
- AWS
- Microsoft Office
- Team Management
- Communication

## EDUCATION

**B.S. Computer Science** | University of Massachusetts Lowell | Anticipated December 2020  
Minors in Business & Mathematical Sciences | Member of Commonwealth Honors College

## PUBLICATIONS

MYR: A Web-Based Platform for Teaching Coding Using VR | C. Berns, G. Chin, J. Savitz, **J. Kiesling**, F. Martin  
February 2019 | SIGCSE 2019 - The 50th ACM Technical Symposium on Computer Science Education

## WORK EXPERIENCE

**ENOVIA Automation Test Engineer** | Dassault Systèmes | Waltham, MA | May 2019 – August 2019

- Summer 2019 Intern at the Dassault Systèmes US Headquarters in Waltham, MA

**Lead Developer** | Engaging Computing Group, University of Massachusetts | Lowell, MA | 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** | Engaging Computing Group, University of Massachusetts | Lowell, MA | 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.

**Trailblazer Director** | T.L. Storer Scout Reservation | Barnstead, NH | May – August 2017

- Served as an area director for a five-week summer camp operated through the Boy Scouts of America.
- Created lesson plans for first year campers and supervised a team of paid and volunteer staff in their execution.
- Assisted camp management with program administration, management of employee records, coordination of office functions and supervision of the camp trading post.

## VOLUNTEER EXPERIENCE

**Web Operations Lead** | Order of the Arrow, Boy Scouts of America | 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
- **Senior Staff of the Year** | T.L. Storer Scout Reservation | Summer 2018

## CERTIFICATIONS

- **Social & Behavioral Research** | CITI Program | June 2018 – June 2021
- **Basic Life Support for Healthcare Professionals** | American Red Cross | June 2016 – September 2020