

Jason D. Kiesling

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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 May 2021
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.

Developer | Engaging Computing Group, University of Massachusetts - Lowell | Lowell, MA | May 2018 – Present

- Creates tools and lesson plans to advance K-12 computer science education in a research laboratory.
- Develops the front-end of LearnMYR.org using React, AFrame, Three.js, and other tools.
- Develops the back-end of LearnMYR.org using Node, Express, and MongoDB.
- Maintains production and development web servers for LearnMYR.org and iSENSEProject.org.
- Teaches students to conduct research and further their knowledge in computer science.

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
- **First Aid** | American Red Cross | May 2018 – May 2020
- **Lifeguard** | Boy Scouts of America | June 2016 - August 2019
- **IS-5.A, IS-100.C, IS-700.B, & IS-800.B Certifications** | FEMA | September 2018
- **51A Mandated Reporter** | Middlesex County, MA | September 2018