

# Jason D. Kiesling

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## PROFILE

An engaging, innovative, and reliable computer science student seeking an internship to gain experience for a future career as a software developer.

## EDUCATION

**B.S. Computer Science**, Minors in Business & Mathematical Sciences | Anticipated May 2021  
University of Massachusetts – Lowell; Member of Commonwealth Honors College

## TECHNICAL SKILLS

C, JavaScript, MongoDB, Mongoose, Express, Node, Linux, Server Management, CircleCI, AWS, Microsoft Office, MailChimp Email Marketing, Team Management, Communication

## PUBLICATIONS

MYR: A web-based platform for teaching programming 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

**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 setting.
- Develops back-end tools for LearnMYR.org using MongoDB, Express, Node, and Mongoose.
- Develops front-end tools for LearnMYR.org using React, AFrame, and other tools.
- Maintains legacy projects including iSENSEProject.org and PhysicsTracker.iSENSEProject.org.
- Interacts with students to further their knowledge in computer science.

**Lifeguard** | Boston Sports Clubs | Lexington, MA | May – August 2018

- Ensured the safety of all swimmers in the outdoor swim center and indoor pool through direct supervision and facility safety checks.
- Inspected pool chemicals every two hours to ensure proper levels.
- Supported maintenance repair personnel by correcting common mechanical malfunctions.

**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

- **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