

## RELEVANT SKILLS

Java                      PHP  
C++                      MySQL  
HTML & CSS          Swift  
WordPress            R  
Network & cluster  
management  
Parallel & distributed  
computing

## ADDITIONAL SKILLS

Mandarin Chinese  
(professional working  
proficiency)  
Customer Service  
Boxing  
Bass Clarinet  
Unicycling

## EDUCATION

**St. Olaf College**  
Bachelor of Arts, Expected  
Graduation 2020  
Majors: Computer Science  
and Political Science  
Cumulative GPA: 3.7  
Awards & Achievements:  
Buntrock Merit Scholarship,  
Dean's List 2017

**Edina High School**  
Cumulative GPA: 4.2  
(weighted)  
Awards & Achievements:  
Frederick Douglass Award,  
National AP Scholar, All-State  
Band '15-16

## LEARN MORE



<https://www.linkedin.com/in/maria-e-kloiber-88683a103>



<https://mariakloiber.github.io/home.html>



# MARIA E. KLOIBER

KLOIBER1@STOLAF.EDU ♦ (612)267-5660 ♦ 1500 ST. OLAF AVE

## WORK EXPERIENCE

**Feb 2017 - Present**

### Cluster Manager | St. Olaf College

- Manage and update the clusters, servers, networks, and file storage used by STEM departments for classes and research.
- Analyze emerging technologies to advance the research and technological interests of the CS department.

**Jun 2017 - Aug 2017**

### Student Researcher | St. Olaf College

- Led a research project investigating the relative performance of the Smith Waterman algorithm on different cluster configurations of Xeon Phi coprocessors.
- Assisted on a research project aimed at improving high performance computing application development methodologies to facilitate app stability.

**Jun 2017 - Aug 2017**

### Tech Consultant | Embody Corporation

- Design websites for the company's clients using Vim, HTML, CSS, PHP and MySQL.
- Collaborate on web design projects with the President of Embody Corporation, Steven Garner.

## PROJECTS

**Apr 2017 - May 2017**

### Linux Ladies Application

Developed an app in C++ on OpenGL that is aimed at helping women interested in the tech industry. It contains an internship/scholarship database and a forum for communication between app users.

**Feb 2017 - May 2017**

### "Headache" Cluster

Created a Beowulf cluster with OpenMPI, handling all aspects of cluster setup including hardware connection, software installation, configuration, and troubleshooting.

## LEADERSHIP & EXTRACURRICULARS

**May 2017 - Present**

### Co-Leader | Linux Ladies Organization

- Expanded outreach efforts to incoming first years and other underrepresented minorities.
- Organize workshops, networking, and speakers for women and other minorities interested in tech.

**May 2017 - Present**

### Program Director | English Second Language Club

- Lead a seven member group in volunteering as Teaching Assistants in ESL classes at the Adult Education Center in Faribault, Minnesota.

**Sept 2016 - Present**

### Contralto Clarinetist/Bass Clarinetist | St. Olaf Band

- Attend three 90 minute rehearsals per week, as well as weekly studio classes and private lessons.