




# Jonathan Opdahl

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## Education

**Bachelor of Arts**, *Luther College*, Decorah, IA 2017  
Majors: **Computer Science**(3.97/4.0) and **Mathematics**(3.96/4.0) GPA: **3.9/4.0**  
Honors:  
• Pi Mu Epsilon Inductee

## Software Engineering Experience

**Software Engineering Intern** May 2015 – May 2017  
 *Division: Cloud*  
*Product: Cloud Managed Services* Rochester, MN  
• Developed a full-stack, user-friendly internal web application using Java and Angular JS  
• Secured application server with access to confidential data  
• Presented current projects to the target customer, development team, and executives  
• Documented application deployment and project development  
• Wrote bash scripts to facilitate database population

## Research Experience

**JCoCo Research Project** Jan 2017 – Feb 2017  
*Luther College Computer Science Department* Decorah, IA  
• Interpreted existing C++ code in a large application  
• Developed a working prototype from scratch, providing extended functionality from the existing implementation

**Senior Research Project: Luther Course Proposal** Sept 2016 – May 2017  
*Luther College Computer Science Department* Decorah, IA  
• Designed an application framework to meet the needs of faculty when submitting course proposals  
• Developed a full-stack web application using MongoDB, AngularJS, and Java streamlining the course proposal and approval process at Luther College

## Additional Experience

**Math Lab Faculty Assistant** Sept 2014 – May 2016  
*Luther College Math Department* Decorah, IA  
• Reinforced mathematical concepts to students with diverse academic skills and backgrounds  
• Managed students in a classroom setting to facilitate learning

**Tutor** Oct 2013 – May 2016  
*Luther College SASC (Student Academic Support Center)* Decorah, IA  
• Planned and taught individual sessions correcting misconceptions and strengthening understandings of mathematic concept

## Relevant Skills

**Languages**  
• Java, JavaScript, AngularJS, HTML, CSS, SQL, MongoDB, Bash, Python, C++  
**Version Control**  
• Rational Team Concert, GitHub  
**Operating Systems**  
• Linux Server, Ubuntu, Mac OS X, Windows 7  
**Office Software**  
• Microsoft Office, Libre Office, Prezi

## **Extracurricular Activities**

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### **Athletics**

- Luther College Varsity Baseball Team 2013 – Present
  - 2<sup>nd</sup> team All-IIAC 2016
- Minneapolis Southwest High School Varsity Baseball Team 2010 – 2013
  - Varsity Captain (2013), Most Dedicated Player (2012, 2013)