John Litscher

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EDUCATION

Skidmore College	**Saratoga Springs, NY**
B.A. Computer Science, Minor in Mathematics, Minor in Statistics	Expected Graduation: May 2020

- **GPA:** 3.73
- **Relevant Coursework:** Introduction to Computer Science I & II, Principles of Software Engineering, Mathematical Reasoning and Discrete Structures, Analysis of Algorithms, Computer Organization, Linear Algebra, Programming Languages, Intro to Statistics, Intro to Data Visualization, Applied Data Science
- **Honors:** Thoroughbred Society, Dean's List
    - Thoroughbred Society – Awarded to student-athletes that achieve a GPA of 3.67 or higher each semester

Trinity-Pawling School	**Pawling, NY**
	May 2016

- **Honors:** Headmaster's List
    - Headmaster's List – Awarded to students with above a 90-academic average

TECHNICAL SKILLS

Personal Website: https://johnlitscher.github.io/ (for additional information and projects)

Programming Languages

- Java
- MySQL
- Python
- HTML
- CSS
- R
- Some knowledge of JavaScript and Scheme

Tools

- Git, Junit, Log4J, Bugzilla

WORK EXPERIENCE

Research Assistant (Skidmore College)	May 2018 – August 2018

- Implemented a social graph storage and abstract model using a MySQL database
- Evaluated and adapted existing benchmarks for use in the project
- Assisted in designing and implementing the data model using a flat file system

LEADERSHIP & ACTIVITIES

Academic Tutor	September 2017 – Present

- Assist peers in intermediate mathematics courses to provide guidance and clarity in their understanding of the subject

Ice Hockey

- Skidmore College Men's Varsity player – requires commitment of 30 hours a week during season   September 2016 – Present
- Two-year varsity player at Trinity-Pawling School   September 2014 – March 2016

Community Service

- Saratoga Youth Hockey Volunteer Coach   September 2016 – Present
    - Assist in coaching youth hockey players in the Saratoga Springs hockey organization

- Saratoga Bridges   September 2017 – Present
    - Volunteering for organization providing services to kids with developmental disabilities