

# Jacob Lindey

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## OBJECTIVE

To obtain a professional position in the software engineering industry utilizing my relevant experience, technical expertise, and problem solving skills.

## EDUCATION

**Slippery Rock University**, Slippery Rock, PA

Bachelor of Science in Mathematics, May 2019      GPA: 3.9

Minors in Computer Science and Philosophy

*Selected Coursework:* Data Structures and Algorithms (Java), Database Systems (SQL), Computer Organization & Architecture, Linear Algebra, Calculus I-III, Calculus-Based Probability & Statistics

## SKILLS

*Coding:* Python, Java, C/C++, HTML, CSS, Javascript, Bash

*Technologies/Environments:* Windows, Linux, Android

## PROJECTS

### **MCM 2018, SRU**

Modelling Competition in Mathematics, sponsored by COMAP (Winter 2018)

- Worked closely with group members to develop a working model over 3 days
- Created application to simulate model
- Wrote comprehensive report of model design and results

### **INFORMS 2018, Phoenix, AZ**

Group research presented at international conference (Fall 2018)

- Developed sports analytics model based on NHL data
- Built data scraper for NHL website
- Communicated with group members and project advisor on a weekly basis

### **MAA 2019 Algheny Mountain Conference, Shepherd University, WV**

Manifold Classification research presented at regional conference (Spring 2019)

- Worked closely with faculty advisor to produce custom software
- Developed an understanding of pure mathematical concepts
- Adhered to consumer specifications
- Presented research material at regional conference

## EXPERIENCE

### **SRU Peer Tutoring, Slippery Rock, PA**

Student Peer Tutor (Fall 2016 - Spring 2019)

- Communicated technical concepts to peers
- Assisted in training new tutors