

Alexander Ryan

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Education

PENNSYLVANIA STATE UNIVERSITY | EXPECTED MAY 2023

- **Major:** Computer Science
- **Related coursework:** Data Structures and Algorithms, OOP with Web Applications, Operating Systems Design and Construction, Theory of Computation, Discrete Mathematics
- **Treasurer** for Men's Club Volleyball

Experience

SUPERVISOR | PENN STATE COMPETITIVE SPORTS | DECEMBER 2021 – PRESENT

- Organizing workflow and ensuring that employees understand their duties or delegated tasks
- Monitoring employee productivity and providing instructive feedback

Projects

ROOM SCHEDULER

- Designed and built a mock room scheduler for a final course project with Java and SQL
- Users could reserve rooms of a building, where reservations and waitlist entries were stored in SQL tables

WEB SCRAPER

- Developed a web scraper in Python using the BeautifulSoup library
- Extracted all records on sale from turntablelab.com and exported to csv file

Skills

SOFT SKILLS

- Self-Motivated
- Adaptable
- Highly Organized
- Team Player

LANGUAGES

- Java
- C
- Python
- SQL