

Yongwoo Anderson Park

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EDUCATION

Oberlin College

Oberlin, OH

B.S. in Computer Science and Data Science

Expected Graduation, May 2027

- o **GPA:** 3.51/4.00
- o **Related Coursework:** Introduction to Computer Science (Python), Data Structures and Algorithms (Java), Introduction to Statistics, Discrete Mathematics, Calculus I, Calculus II, Research and Reasoning

EXPERIENCE

SplashBI

Duluth, GA

Data Engineering Intern

May 2024- August 2024

- Utilized **SQL** and **Excel** data mining company's clients people analytics
- **Designed** and **Implemented** Data models uncovering growth opportunities for client's HR departments
- Collaborated with company's software team to understand company's **back end developmental needs**
- **Conducted Data Analysis** for organizations such as Tandem Diabetes and the U.S. Olympics Committee
- Onboarded U.S. Olympics Committee creating **Data Models** helping to reduce Churn Rate and increase Retention Rate
- **Data Mined** and **Analyzed** industry HR statistics
- **Evaluated sales performance metrics** for SplashBI contributing to strategic marketing decision-making
- Participated in **client demo meetings** to present and pitch new data models
- Gained Comprehensive experience in both **front-end and back end development** for client data modeling needs
- Collaborated in weekly company meetings **aligning data models with customer's needs**

Oberlin College

Oberlin, OH

Data Analyst and BioMechanical Engineer

December 2025 - Present

- Created Oberlin College's Baseball Data Analytics Department
- Utilized **Rapsodo** data and **R** creating **data visualization** and **graphical interface** for Individual Pitcher's
- Utilized **Rapsodo's data metrics** to create pitcher's plan in Game Situations
- Utilized Knowledge of **Spin Axis, Pitchers's Pronation/Supination Bias, and Physics** to help develop pitcher's arsenal
- Created an **Algorithm** calculating pitcher's previous success rate with pitches
- Developed **Mobility Screening** for Athletes to determine biomechanical limitations
- **Collected and Evaluated** each individual Pitcher's Mobility and Movement Patterns
- Created **Movement and Mobility Programs Fixing Movement Patterning and Mobility Deficiencies** based on scientific research of Fascia
- Increase in **overall team velocity of 5%** within the first month

PROJECTS

- **Coded** a **UI Image Filter Converter** allowing for Greyscale, Negative Color Scale, Vertical Flip, Horizontal Flip, Zooming in, Posterizing, or multiple options in **Python**
- **Coded** a **Protein Marker Matcher** returning the difference between two in **Python**
- **Coded** a **Concordance** keeping count of each word within a file and returning it to its user as a dictionary in **Python**
- **Coded** and **created** a **Game Simulating a Safari Animal Zone** in which animals compete with one another in **Python**
- **Coded** a **UI Fractal Image Generator** of Snowflakes and Carpet Designs in **Python**
- **Coded** and **Created** a **Data Visualization User API Chart** in **Python**

ACTIVITIES AND LEADERSHIP

Oberlin College Professional Pitching Coach

Oberlin, Ohio

Leadership Role

January 2024- Present

- Pitching Coach for Pitching Staff at Oberlin College **Mentoring** College Pitchers
- Youngest Professional Collegiate Pitching Coach in NCAA History
- Coached a team of **Over 40 athletes** managing over 15 specifically on a day to day basis
- Adapted Leadership skills catered to Personalities and Background of each individual pitcher

SKILLS

Programming: SQL, R, Excel, Python, JAVA

Tools: Git, VSCode, Rapsodo, TrackMan