

## Brian Seppelt

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### EDUCATION

The Ohio State University, Columbus, OH

Expected Graduation: December, 2019

B.S. Industrial Systems Engineering Data Analytics Specialization

Overall GPA: 3.84 (4.00 scale)

Minor in Computer Information Science

Four-Year Provost Scholarship Recipient

### ENGINEERING INTERNSHIP EXPERIENCE

#### Emerson, Sidney, OH

Air Conditioning Quality Co-op, January – May 2018

- Analyzed statistics in database software such as Stature, CATS, PPT, and SAS 94
- Diagnosed line return problems in Lebanon with goal of reducing line returns by 40 ppm
- Presented possible line return improvements at manufacturing plant in Lebanon, Missouri
- Organized warranty updates for customers of Emerson
- Conducted statistical analysis on general motor overheats for various compressor models

### ACADEMIC PROJECT EXPERIENCE

**Analytic Investment Application**, August 2018 - Present

- Working on the Application Design and Database Administration teams to build a Fintech tool capable of making solid recommendations for investments
- Collaborated within and across teams to work on creating a functional application

**Interactive Poker Game**, April 2016 – December 2017

- Designed a program that allowed the user to play poker against a set number of computer's
- Collaborated with instructors and fellow students to improve game's interface and mechanics

### QUALIFICATIONS

- **Programming Languages:** Java, MATLAB, VBA, HTML, Python, R
- **Database Software:** SQL, Google Platform, Stature, SAS, CATS, PPT
- **Microsoft Office:** Excel, Access, PowerPoint, Word
- **Miscellaneous:** SolidWorks, AutoCAD

### ACTIVITIES

**Big Data and Analytics Investment Team**, August 2018 – Present

- Developing code on the Application Design Team to work with an investment algorithm

**Green Engineering Scholars Program Member and Mentor**, August 2015 – Present

- Mentor freshman new to Ohio State and volunteer for green organizations in the community

**Big Data and Analytics Association Member**, September 2017 – Present

**Ohio State DJ Club**, May 2018 - Present

**STEP Member (Second Year Transformation Experience Program)**, August 2016 – Present

**Ohio State Intramural Sports Captain**, September 2017 – Present

### OTHER WORK EXPERIENCE

**Outdoor Facility Management, Columbus, OH**

Facility Assistant, May 2018 - Present

- Maintained outdoor facilities at Ohio State and oversaw park operations

**Lifetime Fitness, Mason, OH**

Crew Member, May 2016 – August 2017

- Managed and operated the Bistro in a fast-paced setting where communication was crucial