

# Maxwell Williams

Data Analytics Student at The Ohio State University's College of Arts & Sciences

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**williams.5858@osu.edu**

## EDUCATION

### The Ohio State University — *Data Analytics Major*

August 2016 – PRESENT - **3.44 GPA**, 72.5 Hours completed.

Anticipated graduation date: May 2020

Member of: Associating of Computing Machinery, OSU Athletic Band, Big Data Analytics Association, Racquetball Club and Business Analytics Industry Immersion Program under Ralph Greco.

### St. Xavier High School, Finneytown OH

First Honors Distinction, 4.0 / 4.0 GPA

## EXPERIENCE

### Center for Design & Manufacturing Excellence - Additive Manufacturing Research Assistant

January 2018 – PRESENT, under Dr. Ed Herderick

- Designed layout for additive manufacturing lab, opened March 2018.
- Used statistical models to predict errors in metal 3D printed parts.
- Conducted additive part design clinics aimed at industry customers and academic engineering teams.
- Lead undergrad student teams project teams for major automotive customers.

### Workhorse Electric Vehicles - Software Intern

May 2017 - August 2017, May 2015 – August 2015

- Developed algorithms for mail delivery paths integrating aerial delivery drone systems.
- Unit-tested vehicle software & fixed battery software bugs.
- Generated predictive models to analyze truck battery health and long-term reliability.
- Conceptualized and implemented experimental landing system for aerial delivery drones as leader of software intern team.

### Batteries Plus Bulbs - Retail Associate

July 2015 - December 2017

- Earned first place in volume sales metrics among 12-person staff from May 2016 to August 2016.
- Set Cincinnati-area records for add-on item sales in lighting, watches, and automotive categories.

## REFERENCES

### Steve Burns

Workhorse CEO & Founder  
steve.burns@workhorse.com

### Dr. Ed Herderick

Head of CDME Additive  
Manufacturing  
herderick.2@osu.edu

## AWARDS & LEADERSHIP

**OSU Spring Honors Engineering  
Contest 1<sup>st</sup> Prize**, Nanotechnology  
Category.

**OSU Honors & Scholars Event  
Programming Board**, Diversity  
Committee Planner.

**2018 TDAI Summer Camp**,  
Camp Counselor and Student  
Mentor.

## SKILLS

R, Python, Java, C++, SQL  
Linux, Excel, Solidworks, Matlab,  
Conversationally fluent in Spanish

## INTERESTS

Piano, accordion, rock climbing,  
sci-fi novels, and photography.



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