

# Richard Alexander Mucci

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## EDUCATION

### **University of Kentucky, Lexington, KY, May 2016 to Present**

- Expected graduation: December 2017
- Masters in Transportation Engineering
- GPA 3.75

### **University of Kentucky, Lexington, KY, August 2012 to May 2016**

- Bachelors in Civil Engineering, minor in Mathematics
- GPA 3.2

### **ACI Certified (June 2014)**

**EIT I - Passed the FE (August 2015) and bachelors degree (May 2016)**

## INTERNSHIPS

### **Kentucky Transportation Cabinet (Central Office)**

**May 2013 - August 2013**

- Worked in Highway Design
- Experience with Microstation
- Experience with roadway asset management
- ArcGIS Data Collection

### **Kentucky Transportation Cabinet (Louisville ORB Project)**

**May 2014 - August 2015**

- Quality control and oversight on day to day operations on bridge and roadway construction projects
- Materials sampling and management

### **Kentucky Transportation Cabinet (Lexington Section Office)**

**May 2015 - August 2015**

- Worked as an inspector on the US 421 (Leestown road) widening project.
- Tasks included materials sampling, oversight on a construction site, and completing daily work reports.

### **Kentucky Transportation Cabinet (Louisville ORB Project)**

**May 2016 - August 2016**

- Quality control and oversight on day to day operations
- Materials sampling and management

## **Employment**

### **Teaching Assistant (August 2016 to present)**

- Worked as a teaching assistant for a transportation engineering introductory class (CE 331) at the University of Kentucky
- Guest lectured
- Helped with logistics of running the class

### **Teaching Assistant (January 2017 to present)**

- Worked as a teaching assistant teaching CE Applications of Geographic Information Systems (CE 525) at the University of Kentucky
- Guest lectured
- Helped with logistics of running the class

### **Disability Resource Center (August 2013 to May 2016)**

- Proctored exams for accommodated students
- Various office related tasks, such as telecommunication customer service, logistical problem solving, running the front desk, ect.
- Scanning and editing books with a computer program that gave blind students access to the books.

### **Kentucky Transportation Center (September 2015 to May 2016)**

- Worked on a project that checked the accuracy of Kentucky Transportation Cabinet's data on Kentucky's roadways.
- Worked on a project that assessed roundabout crash data

## **Community Activities**

### **Lexington Woman's Club**

- Helped with their annual fundraiser "Bids for kids" (2008 to present)
- Helped with their clothing center by painting and stocking the center.
- Helped with operating their Clothe a Child Event (2008 to present)

### **YMCA Soccer Coach**

- Coached a YMCA U12 recreational league soccer team in Frankfort, KY (Fall 2015)

## **Professional Memberships**

- ASCE
- ITE

## **Software Skills**

- Python
- ArcGIS