

# Edward Yu

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## EDUCATION

### Columbus State Community College

2014-2016

Extracurricular classes

3.789 cum GPA

### The Ohio State University

2009-2010

Extracurricular classes

3.936 cum GPA

Dean's List

### Marietta College

2003-2007

Bachelor of Science,

Biochemistry

## TECHNICAL SKILLS

### Coursework

Calculus I, II, III

Linear Algebra

### Software

R

R Studio

Microsoft Access

Microsoft Excel

SAP

Business Warehouse

CRM

### Certifications

University of Findlay

*All Hazards Training Center*

HAZWOPER 40hr

Environmental Waste  
Management

*RCRA & DOT Regulations*

## WORK EXPERIENCE

### ASK Chemicals L.P., *Columbus OH*

*2016-Present*

#### R&D Chemist

- Collection and cleaning of sales data using SAP and Business Warehouse followed by interpretation of data using Microsoft Excel and R
- Actualization of specialized products based on analyses resulting in excess \$500K USD annual sales
- Experimental design and evolution using Six Sigma methodology, Gage R&R studies, design of experiments
- Train employees in safe laboratory practices, standard procedures, and advanced statistical methods

*2014-2016*

#### Product Specialist

- Construction and administration of database system using Microsoft Access enables inventory control, safety data sheet management, and hazards control, as required by Occupational Safety & Health Administration to conform to Globally Harmonized System for Hazard Communication
- Automate analysis of time series data via automatic calculation of key points and properties, reducing time to process each sample from ten minutes to ten seconds
- Experimental design from the ground up involving method development, fabrication test vessels, custom data loggers

*2011-2014*

#### Technician

- Quality testing of raw materials for foundry application
- Aid product development across all product lines
- Videography and photography edited with Adobe Lightroom, Photoshop, and Premiere, for use in product highlight videos, marketing brochures, and website

### Abbott Laboratories Inc., *Columbus OH*

*2008-2009*

#### Chemist 1

- Perform quality assurance tests on packaging materials and products