



Data Warehousing




Schema design, ETL workflows, performance enhancements and monitoring

Big Data Systems



Open Source Hadoop, distributed computing architectures, cloud and on-premise big data platforms

Data Mining and Machine Learning (Learning)



R, RStudio Server, Python, Data Wrangler

2017 **DbGen: Database DDL generator. Taking the monotony out of schema and ORM implementation.**

May 2016 **First Place - Washkewicz College of Engineering Senior Design**

2012 - **Choose Ohio First Mathematics Scholarship (National Science Foundation)**

Received the Choose Ohio First Mathematics Scholarship for four consecutive years.

Year 1: Time Complexities in Object Oriented Programming Languages: A Comparison of Modern OOPs

Year 2: Distributed Tracking and Profiling Networks: Man in the Middle Attacks

Year 3: 3D Printing and the Future of Consumer Products

Year 4: Cerebro Campus Security: Powered by Computer Vision Neural Network Machine Learning Algorithms

2012 - 2016	Cleveland State University Scholars Award and Scholarship Graduate University Scholars program; Maintained good academic standing for four
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2012 - 2016	Parker Hannifin Engineering Endowment Received the Parker Hannifin Engineering Endowment for four consecutive years of undergraduate study.
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2013 - **IEEE Cleveland State - Technical Administrator, Web Developer**
2016

Volunteer for Cleveland State University VEX Robotics Competition (2014)
3rd Place in Physics Competition (Kit) (IEEE Region 2 SAC 2013)
Web Developer and Volunteer (IEEE Region 2 SAC 2016)

College Lecturer, Department of Electrical Engineering and Computer Science
<https://www.csuohio.edu/engineering/eecs/sunnie-s-chung-college-lecturer>

Professor and Chairman, Department of Electrical and Computer Engineering
<http://academic.csuohio.edu/yuc/>

Associate Professor, Department of Electrical Engineering and Computer Science
http://academic.csuohio.edu/chu_p/

Professor, Department of Electrical Engineering and Computer Science
http://academic.csuohio.edu/zhao_w/

Associate Professor, Department of Electrical Engineering and Computer Science
<http://academic.csuohio.edu/fuy/>