

Kevin Kelbach

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216.258.4084

Current Address

34775 Lorain Rd.
North Ridgeville, Ohio 44039

Permanent Address

15300 Parkgrove Ave.
Cleveland, Ohio 44110

SUMMARY

Reliable and flexible problem solver - Professional Tutor with leadership responsibilities and directives.

SKILLS &**ABILITIES**

Proficient in data acquisitions.

Collaborating with a team in a group environment

Adept at communicating complex topics accurately and articulately

Seasoned public speaker in presenting research and ideas to a wide audience of different backgrounds

Versed in Calculus, differential equations, algebra, critical thinking, and problem solving

EDUCATION

2010–2014

Bachelor of Science in Physics Concentration: Astrophysics The University of Toledo

CGPA: 3.154

2006–2010

Associate of Applied Science in Recording Arts and Technology Cuyahoga Community College

CGPA: 3.24

RESEARCH**EXPERIENCE**

Summer 2013

Undergraduate Research Assistant The University of Toledo, OH

Department of Physics under Dr. Al Compaan

Characterized oxygen emission lines in a sputter plasma using optical emission spectroscopy. Learned spectroscopy techniques in 4 weeks. Discovered an inverse relationship between oxygen content and conductivity of photovoltaic materials over the course of 6 weeks of lab time.

2012–2013

Undergraduate Research Assistant The University of Toledo, OH

Department of Physics under Dr. Rick Irving

Ran experiments using Toledo Heavy Ion Accelerator (THIA) to quantify the lifetime decay of ionized lead through a thin carbon film via beamfoil spectroscopy. Practiced use of various electronics in research on the nature of plasma.

TEACHING**EXPERIENCE**

Spring 2016

Adjunct Professor

Lorain County Community College Division of Science and Mathematics 440.366.4022

Taught Astronomy 151: Stars, Galaxies, and Cosmology ;

2014–2016, 2017–Present

Professional Tutor

Lorain County Community College Tutoring Center 440.366.4057

Mathematics, Physics, Astronomy