

Troy Wiegand
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Education

Butler University

B.S. Mathematics and Computer Science

Indianapolis, IN

August 2016 - Present

Relevant Courses: Parallel Algorithms, EPICS, Numerical Analysis, Object Oriented Design, Algorithms, Differential Equations, Databases, Computer Organization, Teaching Practicum, Discrete 2, Object-Oriented Programming, Linear Algebra, Discrete Mathematics

Work Experience

Computer Science Department

Tutor

Butler University

August 2018 - Present

I run a weekly open Computer Science tutor session for Butler's introductory coding and Discrete Mathematics courses. Balanced multiple projects at a time to give the best advice and extra educational support to all of the students I work with.

Mathematics Department

Intern

Butler University

January 2017 - Present

I work with professors to help create and administer learning assessments and activities. I hold my own independent office hours where students of my classes could come ask for assistance. I run review sessions for my classes and during finals week a review session for every section of the courses I enriched. I have worked with Pre-Calculus, Calculus I, Calculus II, and Linear Algebra students.

Kinney Group

Engineering Intern

Indianapolis, IN

May 2019 - August 2019

Worked on a small team to develop an internal Splunk app to determine the Informational Security Posture of Kinney Group and help detect issues before they became problems. Manipulated a variety of data sources, wrote scripts to get data from APIs, and utilized the Splunk Common Information Model.

Miscellaneous Experience

Indiana Association of Student Councils

Technology Head

Indiana

April 2019 - Present

Help Maintain and Develop Necessary Technology Solutions such as the IASC website, conference audio/video setup, and various promotional videos.

Skills

Languages: C++, Java, JavaScript, HTML, CSS, Bash, Python, C#, L^AT_EX, React, SQL

Operating Systems: Ubuntu, CentOS, Windows 7/10, Mac OS X

Applications: Git, Splunk, Mathematica, MATLAB