**Ren Young**

RenAYoung.github.io ren.young@uky.edu (859) 401-2082

**Education**

* **University of Kentucky, Computer Science (minors: Math, Music Theory), 4.0**, Aug. 2019-May 2023
* **Gatton Academy of Mathematics and Science Graduate, 4.0**, Aug. 2017-May 2019

**Awards and Recognitions**

* **University of Kentucky, Dean’s List** – all 7 completed semesters
* **Gatton Academy Community Scholar** – 4 semesters of academic research with a scientific conference presentation, 60+ service hours
* **Gatton Academy Honors with Distinction Graduate**
* **Western Kentucky University President’s List** – 4 semesters of straight As honor roll
* **Tau Beta Pi Engineering Honors Society** – invited November 2020

**Experience**

* **Computer Science Lab Instructor, University of Kentucky**, Aug. 2021-Present – Instruct students during lab time for introduction computer science course. Grade Python assignments.
* **Horticulture Research Fellowship, University of Kentucky**, June 2020-Present – Research causes of stalk lodging. Write code for analyzing corn stalks. Collect data from corn stalks in research lab.
* **Campus Catering, University of Kentucky**, Aug. 2019-Feb. 2020 – Complete daily tasks, including packing event supplies and cleaning and organizing the kitchen workspace. Setup, maintain, and clean up food arrangements for events. Deliver food to a variety of locations by event.
* **Psychology Research, Western Kentucky University**, Aug. 2017-May 2019 – 4 semesters. Instructed participants on required tasks, conducted scientifically based research, and presented a research poster 3 times. Participated in weekly research team meetings.
* **Student Activities Committee Team Member**, Aug. 2018-May 2019 – Applied position. Worked with a team of 6 people, planned weekly student activities, planned all school dances.

**Notable Classes**

* **Math:** Calculus I, II, III, Hnrs. Matrix Algebra, Intro to Number Theory, Abstract Algebra I, Applicable Algebra, Intro to Game Theory.
* **Computer Science:** CS 215-Intro to Program Design Abstraction and Problem Solving, Advanced Computational Problem Solving, CS 216-Intro to Software Engineering Techniques, Systems Programming, Hnrs. Algorithm Design/Analysis, Logic/Theory of Computing, Intro to Databases, Machine Learning, Data Science.
* **Science:** Macro Biology & Lab, Intro to Environmental Science, General Chemistry & Lab, Gaming in STEM Education.
* **Engineering/Math**: EGR 215, Physics I, Calculus I, II, III, Hnrs. Matrix Algebra, Abstract Algebra I.

**Activities**

* **STEMgiQueers Officer, University of Kentucky**, Aug. 2021-Present, Member Aug. 2019-May 2021
* **Story Club** **Co-president, Gatton Academy**,Aug. 2018-May 2019, Member Aug. 2017-May 2018
* **Kyuki-do Martial Arts, Leadership Team**, June 2016-July 2017

**Skills**

* **Proficient in Unity, Python, C++, Java, C#, R, Mathematica, HTML, and CSS**

**References**

* **Kevin Eby**, Computer Science Lab Professor, Email: kevin.eby@uky.edu, Phone: (859)257-3678
* **Norbert Bokros**, Horticulture Research Supervisor, Email: norbert.bokros@uky.edu, Phone: (901)857-3293