Joseph Waldron

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Experience

Apex Sim Racing: hardware technician, Union, NJ, 8/2022 – Present

I am working at a small business helping with assembly, by programming PCBs, soldering, and assembling products. I then go through quality control procedures before packing and shipping the products. I also help with the design of new products.

Kean University: SI team leader and instructor, Union, NJ, 1/2022 – Present

As an SI instructor, I focus on strengthening the understanding of students having difficulty with object-oriented programming in java class by holding 3 sessions a week of one hour in length. During these sessions, I implement collaborative learning techniques to let students make their connection to solve programming problems. I am also a team leader for a team of four SI instructors. I provide leadership for them and review their performance.

Kean University: Code Samurai tutor, remote, Union, NJ, 1/2022 – Present

I provide tutoring for computer science topics including, Java(objective and data structure), Python, Mips assembly, SQL, Web Development, and R.

Five Guys: Assistant GM, Springfield, NJ, 1/2019 - 9/2022

I managed a shift of several employees in a high-energy high production kitchen serving guests with speed, precision, and accuracy while managing food costs, inventory, finances, and labor efficiently to meet quotas provided by upper management. Putting customers first by interacting with them with the end goal of every customer leaving happier. Awarded the top 5 managers in the franchise of over 200 stores.

Research

Undergraduate student research at Kean, 12/2021- 4/2022

I worked on a paper presented at research days 2022 at Kean. The paper is titled 'Evaluating IDEs through the Prism of GenderMag'. This paper included an evaluation of an in-development Microsoft application that let users have a code editor in their browser making programming more accessible. Current research includes a data mining project analyzing shifts in meta-play using the Riot API.

Education

Kean University, Union, NJ, 9/20 - Expected graduation 12/23

B.S. Computer Science concentrating in Data Science

GPA: 3.7

Technical Skills

Software Tools:

Languages: **Java, Python, R, SQL, HTML, PHP, CSS, JavaScript, MIPS assembly, MERN(MongoDB, ExpressJS, React, Nodejs)**

Other Technologies: Git, GitHub, Linux, Mac, Windows, IOS, Android, Microsoft Access, Slack, Discord, Discord.js, Riot Games API, Microsoft office suite, Google drive/office suite

Hardware:

Apple phones/computer repairs, Android repairs, pc building/repairs, soldering, flashing PCBs