

Kijan Daniel

<https://github.com/KijanDaniel/schoolWork>

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EDUCATION

- **Farragut High School** Knoxville, TN
GPA: 4.2 Aug. 2016 – May 2020
- **University of Tennessee** Knoxville, TN
Undergraduate of Computer Science; GPA: 3.47 Aug. 2020 – Present

EXPERIENCE

- **OakRidge National Lab** Oak Ridge, TN
Internship May 2022 - August 2022
 - **Multiprocessing:** I used multiprocessing to speed up the processing of big data within the pandas dataframe.
 - **High Performance computing:** I used powerful servers with many cores to increase our speed when using multiprocessing.
- **Public Health Care Worker** Knoxville, TN
Senior Software Engineer Jan 2020 - May 2022
 - **First Aid Certified:** I became red cross certified in first aid and CPR.
 - **Special Needs Skills:** I worked with people who had special needs including physical restraints and mental restraints.
 - **Communication Skills:** I helped develop the language skills of people with communication deficits.

PROJECTS

- **Smokey Mountain Data Challenge:** Using AutoIEM data, GPS data, Temperature data, Population data, and 3D building data I had to answer various questions to find correlations between the data sets. This will be used in future city planning to improve Urbanization.
- **GitHub:** Under the GitHub link provided at the start of the resume is two years a various projects including data structures, bit manipulation, hashing algorithms, and much more.
- **OakRidge Intern Poster and Paper Presentation:** Using GPs and AutoIEM data I found correlations between the movement of people and their impact on buildings energy consume/cost.

PROGRAMMING SKILLS

- **Languages:** Python, Java, C++, C, HTML **Technologies:** GitHub, Git Lab, Pandas, Multiprocessing pools, L^AT_EX