

Tayden White

908-369-1626 | tayden.white@gmail.com | taydenwhite.github.io

GENERAL SUMMARY

I am an enthusiastic programmer and student pursuing dual degrees in Computer Science and Mathematical Economics at Purdue University. I have been teaching myself to program since the age of 14, now sufficient in Python, Java, R, C, etc. I am looking for opportunities to apply my knowledge to solve real world applications.

EDUCATION

Purdue University <i>Pursuing Dual Degrees in Computer Science and Mathematical Economics</i>	West Lafayette, IN <i>Aug 2023 – Present</i>
Stanford University <i>Summer Semester Program, Focus in Computer Science</i>	Stanford, CA <i>June 2022 – Aug 2022</i>
Somerville High School <i>High School Diploma</i>	Somerville, NJ <i>Sept 2019 – June 2023</i>

EXPERIENCE

Data Engineering Intern <i>Johnson & Johnson</i>	May 2024 – Aug 2024 <i>Raritan, NJ</i>
<ul style="list-style-type: none">Built and deployed websites using Hugo & GitHub Pages – Later made tutorial videosAssisted with the refactoring of the GAMEs application in R (Generic Analytics Modeling Engine)Generated automation scripts for web forms & data presentation using Python	
Private Tutor <i>Personal Business</i>	May 2023 – Present <i>Branchburg, NJ</i>
<ul style="list-style-type: none">Prepared curricula and designed problem sets for students planning to take the SATExplained difficult concepts and focused on improving weakspots in preparation for the test	
Restaurant Employee <i>Alfonso's Pizzeria</i>	Oct 2022 – May 2023 <i>Somerville, NJ</i>
<ul style="list-style-type: none">Completed pizza deliveries to houses around Somerville, NJ, along with filling in where neededMade sure refrigerator drinks, pizza boxes, etc. were always in stock	

PROJECTS

Future of AI at Purdue <i>Python, Research, Data Analytics</i>	Sept 2023 – Nov 2023
<ul style="list-style-type: none">Conducted a social study on the current sentiment of Purdue leaders on classroom use of AIWrote a comprehensive research paper displaying my findingsPresented poster-visualization of my paper at the Purdue Undergraduate Research Expo	
Predicting NBA Games with Quantum Annealing <i>Python, Git, D-Wave</i>	Sept 2023 – Feb 2024
<ul style="list-style-type: none">Developed a program that would scrape NBA player data from the internetUsed D-Wave Quantum Computer to use quantum annealing to optimize team lineupsPracticed traditional prediction models with optimized team lineupsPresented paper and findings at the Purdue Undergraduate Research Expo	
Jewelry Marketplace Application <i>Java, Git</i>	Sept 2023 – Feb 2024
<ul style="list-style-type: none">Designed a multithreaded marketplace platform that allows users to both buy and sell jewelryIncluded a finished UI, a user security system, and a range of user actionsAdditionally, added support for uploading products as data and facilitated merchant/client communication	

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, R, Swift, HTML
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, D-Wave, Xcode
Software: Google tools, MS Office Products (Excel, Powerpoint, Word, Teams)
Personal: Communication/Presentation, Critical Thinking, Teamwork