CINDY YANG

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EDUCATION

Thomas Jefferson High School for Science and Technology　　Aug '19 – Jun '23
GPA: 4.57 (weighted) • SAT: 1590　　　　　　　　　　　　　　　　Alexandria, VA

EXPERIENCE

Vytal　　　　　　　　　　　　　　　　　　　　　　　　　Mar '22 – Present
Software Developer　　　　　　　　　　　　　　　　　　　　　McLean, VA

- Developing the mobile and web applications where deep learning software is integrated
- Contributing to documentation of progress and milestones through published research papers
- Built multiple data collection apps using tools such as React Native, Firebase, Kotlin, and MongoDB

Yext　　　　　　　　　　　　　　　　　　　　　　　　　Jun '22 – Aug '22
Software Engineering Intern　　　　　　　　　　　　　　　　　Arlington, VA

- Performed QA tasks for a React component library that powers Headless Search integrations
- Helped with the rebranding of Yext Answers to Search, deprecating npm packages and updating repositories
- Worked on developing Yext Studio, a development environment designed for developers and admins to work together on their pages

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PROJECTS

Sentiment Classifier Python, SKLearn, NLTK　　　　github.com/ElemelonWind/sentiment-classifier
A natural language processing model that finds the sentiment of restaurant reviews, completed under the Inspirit AI program

Othello Bot Python, TKinter　　　　　　　　　　　　github.com/ElemelonWind/othello-bot
An AI bot that uses minimax algorithms to play othello

Tunesphere React, Tensorflow JS, Spotify API　　　　github.com/ElemelonWind/tunesphere
Expands a listener's music taste through new genre recommendations and sentiment analysis. Won Best Design at HackTJ 10.0

Wildfire Tracker JavaScript, Node, React, CSS　　　github.com/ElemelonWind/wildfire-tracker
Wildfire tracker coded using the NASA and Google Maps API

Perplexus Solver Raspberry Pi, Unity, GPIO　　　　　　　　　　　　　In Progress
Research conducted through TJHSST's Computer Systems lab on the automated solving of the perplexus puzzle using reinforced learning

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SKILLS

- Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, C++
- Tools/Frameworks: React, Git, Electron, Node, Firebase, MongoDB, Flask, Android Studio
- Subjects: Software Engineering, Machine Learning, Artificial Intell, Computer Vision, Web/Mobile Dev