CINDY YANG

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EDUCATION

Thomas Jefferson High School for Science and Technology   Aug '19 – Jun '23
GPA: 4.53 (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

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

Knowledge Graph Jupyter NB, spaCy, NetworkX   github.com/ElemelonWind/knowledge-graph
Research conducted through GMU's ASSIP program on ontological knowledge formation to automatically generate course curricula

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

SKILLS

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