

EDUCATION

Barron Collier High School 2020-Present
GPA: 5.00

RELEVANT COURSEWORK

- AP COMPUTER SCIENCE PRINCIPLES – 5/5
 - AP COMPUTER SCIENCE A – 5/5
 - AP CALCULUS AB – 5/5

EXPERIENCE

Systems Engineering Intern Verizon / June 2022-July 2022

- Developed API Comparison Application
 - User changes configures init file to two specific servers
 - User provides list of endpoints
 - Program outputs formatted differences in JSON and XML in console and generates webpage
 - Created with Python and DeepDiff
- Built various programs on AWS
 - Devised Apache Web Server with EC2 and cloudformation
 - Made Lambda Function to automatically create EC2 instances based on parameters

Software Engineering Intern Collier County Public Schools / June 2021-August 2021

- Introduced a chatbot for students that allowed for them to ask for help academically and mentally
- Leveraged data from school district to make chatbot personalized to each student
- Launched platform to help teachers get information about students and testing without the help of a human
- Utilized IBM Watson Assistant, Discovery, MongoDB, Express, React

PROJECTS

AI Movie Recommender [github.com/YogeshSeeni/Movie-Recommender-Website]

- The user first selects five movies that they like or don't like based on the 100 most popular movies based on the IMDB website. It then goes through a Feed Forward Neural Network trained with data of the movie from the Omdb movie api, then the model for that user is then uploaded to Firebase Storage.
- When the user wants to have movies recommended to them, that specific ML model for that user is download from the Firebase Storage, and a random movie that is scraped off <https://www.suggestmemovie.com/>. If the prediction from the model is greater than 50% percent, the movie is then recommended.

Research Finder [github.com/YogeshSeeni/research-finder]

- Research Finder is a website that allows researchers to post projects for students to find. It does this through a dedicated page where researchers can fill out information about the project they want to post, which will then be shared with fellow researchers and students.
- Students will then be able to apply to that projects page, which then notifies the researcher that posted it through email. The researcher and student would then be able to interact through the built-in chat in our website or through email for further discussion about the project.

SKILLS

Programming Languages

- Python
- Java
- C#
- Dart

Frameworks & Technologies

- React
- Flutter
- Tensorflow
- Flask

Certifications

- Microsoft Word, PowerPoint, Excel 2016
- Certified Internet Professional
- Microsoft Python and Java Certifications