Kuber Sethi

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EDUCATION

Rutgers University, New Brunswick, NJ
Computer Science, Class of 2021

PROJECTS

Starcraft: Brood War AI:
- Built a bot for Starcraft: Brood War that allows players to practice against a more dynamic challenging AI than the one that is included with the game.
- Bot will note player action, and will take steps to counter a player's build.
- No advantages are given to the AI, it uses the same resources and reacts at a human-like speed.
- Technologies used: Java, Brood War API.
- Winner of "Best Hack" Award at CodeDay New Jersey Fall 2015.

Swoltrition:
- Developed an Alexa Skill allowing users to retrieve nutritional information for a food, track their daily nutritional intake, and request their remaining macro nutrients for the day.
- Connects to the USDA public database on food in order to receive official nutritional information for all foods on file.
- Technologies used: Python, Flask, Amazon Alexa SDK, USDA API, JSON.
- Developed at PennApps 2017.

Emergenseek:
- Built an Android app that helps new dentists and dental students transition from school to dealing with real-world diseases and situations.
- Users are able to enter patient symptoms and search for common conditions or relevant information within the app.
- Features Alexa functionality, and connection to the FDA public database on drugs, allowing retrieval of drug dosage and treatment statistics.
- Technologies used: Java, Python, Android SDK, Flask, Amazon Alexa SDK, FDA API.
- Developed at HackNYU 2017.

DefHacks()PlaysPokemon:
- Led workshop teaching students how to implement APIs, and develop their own version of the popular "TwitchPlaysPokemon" online game.
- Users used the IRC API with Pokemon Yellow, to allow gameplay in real time by entering chat commands into an online IRC chat.
- IRC API collects user inputs, the Java turns the text inputs into the game commands, and sends it to the game for them to be carried out.
- Technologies used: Java, IRC API, Twitch API, OBS Studio.
- Taught at DefHacks() New Jersey 2015.

SKILLS

Proficient: Python, Java
Working Knowledge: HTML/CSS, Javascript
Proficient Technologies/Frameworks: Github, Flask, Alexa SDK
Working Knowledge Technologies/Frameworks: Android SDK, Jekyll, Bootstrap, Firebase