

Ben Kunkle

(847) 848-8813 | BEN.KUNKLE@GMAIL.COM | [HTTPS://GITHUB.COM/PROBABLY-NEB](https://github.com/probably-neb)

SKILLS

- Programming Languages: Java, Python
- Software Tools: IntelliJ, Visual Studio Code, Vim, Git, Linux

PROGRAMMING PROJECTS

Discord Bot — *Personal Project*

Languages and Tools: Java, IntelliJ, Discord API

- Created a Java program that utilized the Discord API to receive commands through messages in server channels
- Different question formats could be chosen based off of the command arguments
- Full sentence questions such as “What is your favorite type of ice cream?” or subjects that were used in multiple question formats such as “What do you prefer, [Subject] or [Subject]?” were selected at random depending on the question format requested
- Replied to the original command issuer with a generated question in the server channel

Cup of Code, LLC — *Team creating Minecraft Plugins*

Languages and Tools: Java, Spigot API, NoteBlock API, Inventorygui, Git, IntelliJ

- Created a “Doors” plugin that updates the world environment around a player upon entering a predefined area
- Utilized the Spigot API to detect player move events and identify players moving in or out of an area
- Updated the world using server packets for only the player who entered or left the area so other players could not observe the change
- Created the “BoxOfJuke” plugin
- Identified which room on the Cup Of Code Minecraft server the Jukebox item was in and tracked player movement between rooms
- Utilized NoteBlock API to play songs and playlists to only players in the same room as the Jukebox object
- Utilized InventoryGui to allow player interaction with the Jukebox selecting, queuing, playing pausing, skipping, and stopping songs as well as making playlists

EDUCATION

California Polytechnic State University

Pursuing Bachelor of Science Degree in Computer Science - Sept 2021 to present

- AP courses for college credit: Calculus BC, Computer Science A, and Physics 1
- Completed Courses : Calculus 3 and Data Structures
- Current Courses: Introduction to Computer Organization, Linear Analysis I, Project-Based Object-Oriented Programming and Design, and Writing Arguments about STEM

WORK EXPERIENCE

Demonstrated excellent customer service, responsibility, dedication, punctuality and initiative through the following employment:

- Camp Counselor - Camp Towering Pines for Boys, Eagle River, WI - Summer 2021
- Golf Counselor - Winnetka Golf Course, Winnetka, IL June 2021 - Sept 2021
- Range Attendant - Winnetka Golf Course, Winnetka, IL Sept 2019 - Sept 2021
- Cashier - Avli Restaurant, Winnetka, IL June 2019 - Sept 2019