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JALEN BENNETT

EDUCATION

Urbana, IL	University of Illinois Urbana-Champaign	August 2022- May 2026

- Bachelors of Science in **Computer Science**
- Relevant courses: Intro to Computer I; Intro to Computer Science II; Discrete Structures, Data Structures

Languages and Technologies

- **Languages:**
  - **Technological**: <u>Java</u>, <u>Python</u>, <u>Javascript</u>, <u>C++</u>
- **Technologies**: <u>Github, Git</u>

TECHNICAL EXPERIENCE

Projects

- **Py Hero:**
  - Wrote a bot for Discord using the discord.py library to enhance user interactions in servers through the bot's features
  - Integrated features for user engagement through slash commands that are easily accessible and readable to users
- **Hawaiian Words:**
  - A project in which iterating over a compound data structure that contains the hawaiian word to compute the the pronunciation of the hawaiian word.
- **Cord:**
  - Working through a binary tree titled "cord" to return a tree encoded string into a regular c-style string from the broken up string stored in leaf nodes of the binary tree
  - Also worked through storing and manipulating large strings through the use of helper functions that turns the data from the binary tree into printable strings

EXTRACURRICULAR ACTIVITIES

- **Clubs and Organizations:** National Society of Black Engineers (NSBE)
  - Senator (2023 - 2024):
    - Serving on the NSBE Executive Board for the 2023-2024 year as the Senator for the NSBE-UIUC Chapter where we reserve rooms in a timely fashion to host the chapter's various social and professional events.
  - Tech Team Member (2023 - 2024):
    - Tech Team is building a drone that can carry small weights for the 2023-2024 school year. The project is split into two sub-teams where one designs the part of the drone that carries a small weight and is being designed and built through CADing through AutoDesk CAD. The other team programs the drone to be able to recognize objects to carry and this is done in Python.
  - Social & Recruitment Member
    - Committee where members come together to plan social events to promote the family atmosphere of the chapter. The committee also discusses and gives feedback on how the chapter is being marketed through Instagram to increase engagement of the chapter.