

Bryan Bee

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Active Security Clearance: Secret

Education:

California State University, Los Angeles

Bachelor of Science, Computer Science

Expected Graduation: May 2025

GPA: 3.9

- Dean's List: All Semesters

Involvement:

Technical Interview Preparation for Software Engineers (TIPSE)

September 2022-Present

President and Founder

- Created and led a student organization to help aspiring software engineers prepare for technical interviews.
- Responsible for organizing meetings for members, leading sessions using online resources, facilitating mock interviews, and teaching members common technical interview topics such as BFS/DFS, two-pointers, etc.

STEM Advantage Program

October 2022-Present

Organization member

- Active member and scholarship recipient of the STEM Advantage scholarship.

Work Experience:

Northrop Grumman

June 2023-August 2023

Software Engineering Intern

- Collaborated with stakeholders, product owners, and my team of five engineers to develop a Python program that automated the process of generating metrics which led to a 90% reduction of the manual workload required to collect metrics across all Agile projects and JIRA teams.
- Spearheaded our backend data pipeline by designing, implementing, and testing the code base, which provided half the metrics for our automation platform.
- Systematically conducted code testing, including bug replication, debugging, and comprehensive post-resolution testing.
- Leveraged Knowledge in Git, REST-API, Python, Pandas, Matplotlib, and NumPy.

Projects:

Hospital Vaccine Database and Patient Management System

- Developed a Java Servlet designed to provide hospitals with a user-friendly interface for viewing and editing patient and vaccine information.
- The service provided and allowed health care providers to interact with and manage patient data and vaccine data efficiently.
- Utilized: Java, HTML, CSS, Bootstrap, MySQL, and OOP.

Spotify Wrapped (in progress)

- Developed a web application that emulated the 'Spotify Wrapped' feature that comes out once a year.
- This application allowed users to view their custom Spotify metrics tailored to each user's music preferences and listening habits at any time of the year.
- Utilized: Spotify's API, Python, Flask, JSON, OAuth, and React.js.

ChatGPT-powered Monkey Bot

- Used Python to create a fun and interactive Discord bot to help moderate and entertain server members.
- Utilized event listeners to actively monitor server chats and apply temporary chat and voice chat restrictions to rule violators, and API calls to provide entertaining ChatGPT-powered responses.
- Utilized: Discord's API, Python.

Technical Skills:

Languages: Java, Python, HTML/CSS, JavaScript, MySQL, C++, JQL

Libraries/Frameworks: Flask, Bootstrap, React.js, Node.js, NumPy/PANDAS, Matplotlib

Tools: Agile Development, Atlassian Tools Suite (JIRA, Bitbucket, Confluence), Version Control (Git/GitHub), MVC Architecture, Java Servlets/JSP, REST-API, JSON, Linux/Unix