Bryan Bee

</> Portfolio: bryanbee.com
in LinkedIn: linkedin.com/in/bryanbee97/
◯ GitHub: github.com/bryan-bee

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(669) 226-9274
Active Security Clearance: Secret

Education:

California State University, Los Angeles   Expected May 2025
Bachelor of Science, Computer Science   **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
Scholar
- Cultivated a mentorship relationship with a STEM industry professional with a biweekly touch-base.
- Participated in professional development workshops and industry career panels.

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 web application 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 at the end of every year.
- This application allows users to view their custom Spotify metrics tailored to each user's music preferences and listening habits whenever they want.
- 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.
- The bot helped to actively monitor server chats and apply temporary chat and voice chat restrictions to rule violators, and used API calls to provide entertaining ChatGPT-powered responses.
- Utilized: Discord's API, Chat-GPT'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, OOP, OAuth