Bryan Bee

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Active Security Clearance: Secret

Education:

California State University, Los Angeles   Expected Graduation: May 2025
Bachelor of Science, Computer Science   **GPA: 3.9**
- Dean's List: All Semesters

Technical Skills:

Languages:	Java, Python, HTML/CSS, JavaScript, MySQL, C++
Libraries/Frameworks:	Flask, Bootstrap, React.js, Node.js, NumPy/PANDAS, MatPlotLib
Tools:	Eclipse, VS Code, Agile Development, Atlassian Tools Suite (JIRA, Bitbucket, Confluence), Version Control (Git/GitHub), MVC Architecture, Java Servlets/JSP, REST-API, JSON

Work Experience:

Northrop Grumman Corporations (MS Sector) NORTHROP GRUMMAN   June 2023-August 2023
Software Engineering Intern
- Developed a **Python** program that automated the collecting, calculating, and presenting of metrics data.
- Spearheaded the team's effort in developing, integrating, and executing the foundational work for the **backend data pipeline**, utilizing a variety of **libraries** and **algorithms** to **automate** 3 out of 8 key metrics.
- Led daily scrums as scrum master in an **agile** environment and documented processes using Atlassian tools including **Bitbucket**, **JIRA**, and **Confluence**.
- Actively participated in and contributed to **sprint planning** sessions and **code reviews**.

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 by **organizing** and **leading practice sessions** and **facilitating mock interviews**.
- Responsible for organizing meetings for members, leading sessions using Leetcode and HackerRank resources, and **teaching/tutoring** members on common technical interview topics including, but not limited to: **DFS/BFS** Algorithms, **Sliding Window** Algorithms, **Sorting** Algorithms, **Tree Traversals**, etc.

Association of Computing Machinery (ACM)   September 2022-Present
Project Member, Mentee
- Attended general meetings, workshops, and conferences to further develop knowledge and a network of similarly focused individuals.

Technical Projects:

Metrics Automation – Python/REST API/Matplotlib/NumPy/PANDAS/JSON:
- Metrics automation project created by utilizing the **JIRA REST API**, various algorithms, **Matplotlib**, **PANDAS**, and **NumPy**.

Hospital Vaccine Database and Patient Management System – MySQL, Java, HTML/CSS, Bootstrap:
- **Java Servlet** that a hospital could use to view/edit patient and vaccine information. Frontend was made using **HTML/CSS** and **Bootstrap**. The backend was made with **Java** and connected to an SQL server for data access.

Spotify Wrapped– JavaScript (React.js)/Python (Flask)/REST API/JSON:
- Web application that replicates the popular "Spotify Wrapped" feature utilizing **Flask** and **React.js**. The application allows users to log into Spotify via **OAuth** for authentication and then redirects the user to a page where they can see their Spotify-wrapped information for different time periods.

Relevant Coursework:

Computer Organization and Architecture • **Web Development** • **Data Structures and Algorithms** • **Software Engineering**
Discrete Structures • Analysis of Algorithms • **Cybersecurity** • Programming Paradigms • Intro to Data Science