

# Bryan Bee

Tustin, CA

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Clearance Level: Secret (Exp: 2028)

## Education

**California State University, Los Angeles**

*Bachelor of Science, Computer Science*

Expected Graduation: May 2025

**GPA: 3.9**

- Dean's List: All Semesters

## Technical Skills

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

*Tools/Frameworks:* Flask, Bootstrap, React, Eclipse IDE, Agile Development, Atlassian Tools Suite (JIRA, Bitbucket, Confluence), Node.js, Version Control (Git), MVC Architecture, Java Servlets/JSP, REST API, JSON, NumPy/PANDAS, Matplotlib

## Work Experience

**Northrop Grumman Corporations (MS Sector)**



June 2023-August 2023

*Software Engineering Intern*

- Developed a Python program which automated the collecting, calculating, and presenting of metrics data.
- Spearheaded the development and integration of the backend data pipeline using various libraries and algorithms.
- Scrum Master in an agile environment and documented processes using Atlassian tools including Bitbucket, JIRA, and Confluence.

## 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.

**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.

## Projects:

**Metrics Automation – Python/REST API/Matplotlib/NumPy/PANDAS/JSON:**

- Automated the generation and presentation of metrics by utilizing the JIRA REST API, various algorithms, matplotlib, PANDAS, and NumPy.

**Hospital Vaccine Database and Patient Management System – MySQL, Java, HTML/CSS, Bootstrap:**

- Web Servlet application 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:**

- A web application that replicates the popular "Spotify Wrapped" feature utilizing Flask and React. The application allows users to log in to 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.

**Various Discord Bots – Python (discord.py):**

- Discord bot that helped manage chat logs and helped moderate the server for inappropriate messages.

## 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