

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

Arizona State University

August 2019-May 2022

GPA: 3.7

- Dean's List: All Semesters

Technical Skills

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

Tools/Frameworks: Eclipse IDE, Agile, Atlassian Tools Suite (JIRA, Bitbucket), Bootstrap, React, Node.js, Version Control (Git), MVC Architecture, Java Servlets/JSP, REST API, JSON, CLI Interface, Flask

Work Experience

Northrop Grumman Corporations (MS Sector)



June 2023-August 2023

Software Engineering Intern

- Developed a Python program which automated the collecting, calculating, and displaying of metrics data
- Spearheaded the development and integration of backend functionality for the automation program using various libraries and algorithms
- Acted as the role of Scrum Master in an agile environment and documented processes using Atlassian tools including Bitbucket, JIRA, and Confluence

Involvement:

President and Founder

September 2022-Present

Technical Interview Preparation for Software Engineers (TIPSE)

- 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.

Project Member, Mentee

September 2022-Present

Association of Computing Machinery (ACM)

- Attended general meetings, workshops, and conferences to further develop knowledge and a network of similarly focused individuals.

Projects:

Metrics Automation - Python/JavaScript:

- Spearheaded the automation of displaying and presenting metrics by making API calls to JIRA, gathering and parsing JSON data, and then utilized pandas to present metrics

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

- Designed and created a Web 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):

- Using Flask and React, I developed a web application that replicates the popular "Spotify Wrapped" feature. The application allows users to log in through Flask, and then communicates with the Spotify API to fetch their data in JSON format, which is displayed using React on the front end.

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