Bryan Bee

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Education:

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

Work Experience:

Software Engineer Intern | Northrop Grumman — June 2023 - August 2023
Git, REST-API, Python, Pandas, Matplotlib, NumPy — *Baltimore, MD*
- Collaborated with stakeholders, product owners, and my team of engineers to automate metric generation in Python, resulting in a 90% reduction in manual workload for metrics collection across all projects and teams.
- Spearheaded the development of 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 post-resolution testing.

Projects:

Housing Price Predicter Model — October 2023- In Progress
Python, TensorFlow, PyTorch, Pandas, Scikit-Learn
- Training a machine learning model to predict housing prices by collecting preprocessed historical sales and pricing data.
- Deploying the model for real-world use, utilizing regression techniques to achieve housing price predictions.

Spotify Wrapped — June 2023 - In Progress
REST API, Python, Flask, JSON, OAuth, React.js.
- Creating a web application emulating Spotify's 'Spotify Wrapped' feature, providing users with personalized Spotify metrics based on their music preferences and listening habits.
- Enables users to access their custom Spotify metrics at any time, offering a unique and engaging experience.

ChatGPT-Powered Monkey Bot — December 2022 - August 2023
REST API, Python
- Crafted a fun and interactive Discord bot to help moderate and entertain server members.
- The bot helped to actively monitor server chats, apply temporary chat and voice chat restrictions to rule violators, and used API calls to provide entertaining ChatGPT-powered responses.

Hospital Management System — January 2023 – May 2023
Java, HTML, CSS, Bootstrap, MySQL, OOP
- Engineered a web application designed to provide hospitals with an intuitive interface for viewing and editing patient and vaccine information.
- The service offered user-friendly patient and vaccine data management for healthcare providers.

Involvements:

Technical Interview Prep. for Software Engineers (TIPSE) | President and Founder — September 2022 - Present
- Founded 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 | Scholar — October 2022 - Present
- Cultivated a mentorship relationship with a STEM industry professional with a biweekly touch-base.
- Participates in professional development workshops and industry career panels.

Technical Skills:

Languages:	Java, Python, HTML, CSS, JavaScript, MySQL, C++, JQL
Libraries/Frameworks:	Flask, Bootstrap, React.js, Node.js, NumPy, Pandas, Matplotlib, PyTorch, TensorFlow, Scikit-Learn
Tools:	Agile Development, Atlassian Tools Suite, Version Control (Git), MVC Architecture, JSP, REST-API, Java Servlets, Linux/Unix, JSON, OAuth, Supervised ML Approaches (Regression, Classification)