

# Bryan Bee

U.S. Citizen | Active Secret Security Clearance

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## EDUCATION:

### California State University, Los Angeles

Bachelor of Science, Computer Science

Expected: May 2025

GPA: 3.9

## WORK EXPERIENCE:

### Software Engineer Intern | We2Link

Aug. 2024 - Present

HTML, CSS, JavaScript, React.js, Firebase

Remote, USA

- Engineering a full-stack web app with React.js and Firebase to enhance memory management for users with cognitive impairments by helping them efficiently organize memories, passwords, and daily tasks.
- Actively participates in code reviews and scrum sessions, providing constructive feedback to peers, and collaborates with peers to improve designs, code quality, and development processes.

### Technology Analyst Intern | Accenture

06/2024 - 08/2024

HTML, CSS, PostgreSQL, JavaScript, React.js, Powerpoint

Los Angeles, CA

- Revamped the front end of a client's billing platform by migrating to React.js, resulting in a more maintainable, modular, and performant codebase, which significantly enhanced the experience for their 3.7 million customers.
- Contributed to frontend development while acting as a technical liaison, delivering project updates to clients and creating presentations that clarified engineering concepts.

### Software Engineer Intern | Partillion BioScience

02/2024 - 05/2024

Python, Jython, Tk-Inter, OpenCV (Computer Vision), ImageJ

Pasadena, CA

- Spearheaded the development of the particle analysis program for nano-vial particle detection and analysis by utilizing Python and OpenCV, which improved the success rate of quality control by 27.4%.
- Automated the merging of 100+ composite color channels for nano-vial production images using Jython, drastically minimizing the manual work required to create composite images.

### Software Engineer Intern | Northrop Grumman

06/2023 - 08/2023

Git, JIRA API, Python, Pandas, Matplotlib, NumPy, TkInter

Baltimore, MD

- Led the development of 50% of the backend data pipeline to automate metrics generation in Python, which resulted in significant reductions in the manual workload for metrics generation across all projects and teams.
- Conducted comprehensive debugging and actively maintained existing software by creating detailed documentation, which enhanced system reliability and addressed technical debt.

## PROJECTS:

### House Price Prediction Machine Learning Model

10/2023 - 11/2023

Python, TensorFlow, PyTorch, Pandas, Scikit-Learn

- Trained various machine learning models to predict housing prices by collecting historical sales and pricing data which were then deployed for real-world use to achieve price predictions with 96% average model accuracy.

## LEADERSHIP:

### President and Founder | Technical Interview Prep. for Software Engineers

09/2022 - 05/2024

- Founded and led a student organization to help aspiring software engineers prepare for technical interviews.
- Organized meetings for 80+ members, led sessions, facilitated mock interviews, and taught members common technical interview topics such as BFS/DFS, two-pointers, etc.

## TECHNICAL SKILLS:

Languages: Java, Python, SQL, HTML, CSS, JavaScript, Kotlin, C++, C, Typescript

Libraries/Frameworks: Flask, Bootstrap, React.js, Node.js, NumPy, Pandas, Matplotlib, PyTorch, TensorFlow, Scikit-Learn, Keras, OpenCV, Tk-Inter, Spring Boot, Redux. Tailwind CSS

Tools: Agile, JIRA, Confluence, BitBucket, Github, MVC, Linux/Unix, Firebase, Machine Learning, Figma