

BRIAN HUYNH

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Experience

Tata Consultancy Services - Google

Jul 2022 – Present

Software Engineer

San Jose, California

- Managed a team of 3 developers to implement design tokens into Google Search's UI, enhancing visual consistency and scalability whilst serving content to millions of users concurrently.
- Developed a finance tracking app for Google using JavaScript and SQL, enabling one thousand contractors to accurately track their hours, roles, and project expenses valued at \$50M in total.
- Built a full-stack application using Angular and Google Cloud for both employees and contractors to submit a form using Google's Chat API to automatically create chat spaces for collaboration, with more than 20 chats created daily.
- Implemented a bug tracking system using Google's bug API, which was used by 36 teams across the Google Search and Assistant platforms to track their workflow and address more than 10k bugs in 6 months.

San Jose State University

Feb 2022 – Aug 2022

Undergraduate Research Assistant

San Jose, California

- Led and designed the front-end UI and the back-end API using Java, R, and Shiny in a full-stack web application to help users articulate human genomes and patterns, awarded the SJSU's Grad Slam 2022 Audience Choice Award
- Incorporated WebLogo and JBrowse functionalities to enable more effective visualization and analysis capabilities, which allowed the Bioinformatics department to monitor genome frequency and patterns.
- Optimized back-end functionality by introducing multi-threading to identify sequences concurrently, thereby maximizing core utilization and reducing execution time by 60%.

Projects

Notion-Google Calendar Sync

2023

- Developed an application using JavaScript and APIs from Notion and Google, creating a seamless integration that automates the synchronization of calendar events between the two platforms.
- Created a polling mechanism that regularly checks for calendar events on both Notion and Google Calendar and automatically mirrors any missing events on either platform.

Job Application Workflow

2023

- Implemented a Selenium-based workflow to reduce the need for manual data entry in the job application process, eliminating the need to manually fill-in repetitive field inputs and allowing for parallel processing of applications
- Created custom Google Chrome browser extension to automate interactions and streamline the web element detection throughout the job application process.

Tracker360

2022

- Created a responsive web-application application for users to record daily tasks, workout routines, and budget.
- Utilized web technologies including React, JavaScript, CSS, and HTML to create a visually appealing and intuitive user interface for the application.

Education

San Jose State University

Aug 2017 – May 2022

Bachelor of Science in Computer Science

San Jose, California

- **Awards:** Cum Laude, Dean's List (2020-2021), President's Scholar (2018)
- **Concepts:** Data Structures & Algorithms, Web Development, Database Management Systems, Artificial Intelligence, and Data Analytics.

Skills

Languages: Python Java, JavaScript, Angular, C, SQL

Frameworks: React.js, Node.js, Flask, Bootstrap

Tools: Amazon Web Services, Git, Docker, Postman

Databases: MySQL, NoSQL, MongoDB

Libraries: pandas, NumPy, seaborn, sci-kit learn