

# Bryant Le

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## EDUCATION

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### University of Houston

*BS in Computer Science, Minor in Mathematics*

GPA: 3.85

May 2024

*Houston, TX*

## EXPERIENCE

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### Amazon

*Software Developer Engineer Intern*

- Incoming SDE Intern at Amazon for Summer 2023

Summer 2023

*Austin, TX*

### University of Houston

*Undergraduate Academic Teaching Assistant*

- Supported 120+ students in structured procedural programming and elementary data structures in **C++**
- Led weekly labs, code-reviewed and provided feedback for **C++** programming assignments

Sep. 2022 – Present

*Houston, TX*

### Buzly

*Software Engineer Intern*

- Engineered the back-end for a dashboard providing statistics and analytics from over 3,000+ users for universities
- Collaborated alongside 3 developers with Agile methodology, relaying daily updates and working on weekly sprints
- Implemented **AWS Cognito** to manage user registration and authentication, increasing developer productivity

Jun. 2022 – Aug. 2022

*Sacramento, CA*

### Seatgull

*Software Engineer*

- Created a course scheduler connected to 60 universities with over 850,000 students using **React** and **Typescript**
- Developed a dynamic forms page to streamline features like user feedback and customer support
- Initiated a mobile application built with **React Native**, increasing activity and accessibility on mobile platforms

Feb. 2022 – Present

*Magnolia, TX*

## PROJECTS

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### CoCo Bot

- Developed a Discord bot in **Typescript** with interactive commands, for over 700 users, including dueling games
- Queried recent Instagram posts to upload onto Discord through webhooks, increasing the follower count by 200%
- Leveraged **Google Cloud** Sheets API to automate member points, eliminating manual accounting tasks

### GoGo

- Developed a back-end API in **Go** to interface with a PostgreSQL database and preserve complex data relationships
- Reduced time spent on client-side rendering by offloading processing, sorting, and querying data to the API
- Migrated from **REST** to **GraphQL**, minimizing the number of requests from multiple client-side applications

### Robotic Arm

- Constructed a 3D-printed robotic arm with Onshape CAD, Creality Ender 3 printer, and Arduino hardware
- Integrated a **Python** script, with image segmentation through OpenCV, to detect oranges for the hand to grasp

## LEADERSHIP

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### Code[Coogs] — Founding Chief Technology Officer

- Cooperated with chief officers to make decisions leading to a growth of over 100 new members
- Engaged 30 developers in social activities near Houston and coding competitions on Codeforces and Kattis
- Collaborated with 6 other facilitators for technical interview prep workshops hosting over 40 students

Sep. 2021 – Present

### CougarCS — Webmaster

- Tutored a cohort of students, for over 77 hours, through data structures, improving the tutor rating by 300%
- Delegated 5 developers to dockerize and deploy 4 web applications with AWS Fargate and AWS ECS
- Led 2 developer teams through building web applications to streamline member registration and event reservation

Sep. 2021 – Present

## RELEVANT INFORMATION

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**Languages:** JavaScript, Typescript, C++, Python, HTML/CSS, SQL, Java, Rust, Go

**Other:** AWS, Google Cloud, React, Git, Docker, Linux, AWS Certified Cloud Practitioner