

Mekhi Hart, Dela Cruz

Software Engineer

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Education

California State University Long Beach

Bachelors of Science in Computer Science

Expected Graduation: May 2024

GPA: 3.5

Technical Skills

Programming Languages: JavaScript, TypeScript, HTML/CSS, SQL, C++, C#, Java, Python

Frameworks and Tools: React.js, Express.js, Node.js, AWS, Cloud Firestore, Git, GitHub

Databases: MongoDB, Cloud Firestore, Postgres

Experience:

Full-Stack Software Developer, BeachHacks – <https://www.beachhacks-schedule.com/> Dec 2022 – Feb 2023

- Led and delegated tasks among 4 software developers in developing a responsive web-application with React that increased exposure between minority serving students and industry sponsored workshops such as **Google**, by **17%** to provide an enriching and inclusive space for all students to learn, network, and prepare for careers in tech
- Developed RESTful APIs using the Express.js framework to track popularity of each workshops, resulting in a **100%** reduction on manual data entry and the consequence of human error, and enabling the data analysis team to gain confidence on their data driven decisions to implement changes for unpopular workshops
- Successfully managed the project's GitHub repository, approving pull requests, and debug merges to ensure adherence to project standards and reliable code which will be used as a project reference for future developers.
- Technology Stack and Frameworks: React.js, Express.js, Node.js, MongoDB (MERN Stack)

Front-End Software Developer, Video Game Development Association Nov 2021 – Sep 2022

- Managed an indie game development team of 6, and developed 4 projects that acquired a total of **650+** users and was featured in Itch.io as **New and Popular**.
 - Utilized the Unity and Godot framework to develop scalable codebases developed with C# and GDScript resulting in reduced **20%** development time
 - Collaborated with artists and designers to produce project assets, while providing responsibilities that reflected a working environment, resulting in transferable skills in agile development and effective communication which can be leveraged in their future careers.
 - Technology Stack and Frameworks: Unity, Godot, C#, GDScript, .NET
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Personal Projects & Hackathons:

Fast Tracker, Hackathon - <https://devpost.com/software/fast-tracker>

- Singlehandedly competed against 97 participants in a 24-hour in-person hackathon, and successfully developed a web application that was awarded the **Best Google Cloud Hack**, based on the judges' evaluation criteria.
- Streamlined the average manual attendance-taking process, resulting in an **80%** faster attendance-taking process, and avoids the risk of incorrect data entry.

Machine shop time allocation manager, *Society of Automotive Engineers (SAE)* - In Progress

- Resolves significant time conflicts between 8 engineering CSULB clubs utilizing CNC machines and 3D printers, in order to improve productivity by **35%**, and user satisfaction among the clubs with MySQL.
- Technology Stack and Frameworks: React, TypeScript, MySQL, Node.js, SQL