Juhmer Tena

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Education

University of California, San Diego   *Major GPA: 3.71*
B.S. IN COMPUTER SCIENCE   *Sep 2018 -- Jun 2022 (expected)*
- **Relevant coursework:** Software Engineering, Networked Services, Database System Principles, Computer Organization and Systems Programming, Programming Languages: Principles And Paradigms, Deep Learning

Projects

Inventory DB: Web app to handle character inventories for roleplay communities   *Oct 2020 -- Dec 2020*
- Identified the need for a streamlined process to manage inventories and transactions between characters.
- Applied **Django** to operate a **Postgres** database where users are able to maintain character inventories.
- Implemented **Django REST Framework** and **JWT Authentication** to manage user accounts and API endpoints.

Pomodoro Timer: Progressive web app aiding time management   *Jan 2021 -- Mar 2021*
- Co-managed a team of 8 members to plan and develop a progressive web app using native **Javascript, HTML, and CSS**.
- Performed in-group role as senior engineer by additionally supervising team's work (e.g. reviewing pull requests).
- Leveraged **Cypress** for end-to-end (E2E) testing and **Jest** for unit testing in the project's CI/CD pipeline.

Triton-meet: Android app to coordinate schedules   *Oct 2019 -- Nov 2019*
- Coordinated a team of 4 developers to deliver an app to coordinate user schedules.
- Implemented a **Postgres** database to maintain user schedules and list of active groups.
- Designed a **REST API** using **Falcon** to suggest meeting times and **Psycopg2** to communicate with the database.
- Developed native **Java** for Android app where users set schedules and create groups to receive potential meeting times.

Extracurricular Activity

IEEE at UC San Diego   *La Jolla, California*
MEMBER   *Oct 2019 -- Present*
- Participated in Fall 2019's Quarterly Project activity to create an app to coordinate users' schedules.
- Aided other members during technical workshops and **effectively conveyed concepts** taught during the workshop.
- Gained expertise in project management and git workflows including **development pipelines**.

ACM at UC San Diego   *La Jolla, California*
MEMBER   *Oct 2019 -- Present*
- Attended workshops and gained knowledge to several areas such as **front-end development and communication skills**.
- Participated in weekly activities to improve technical knowledge about **algorithms and problem-solving approaches**.

Honors & Awards

PROGRAMMING COMPETITIONS

- 2019 **Winner**, WIC FA19 Beginner's Programming Competition   *La Jolla, CA*

Skills

Languages   C, C++, SQL, Java, Python3, ARMv6 Assembly, JavaScript, HTML, Haskell, Golang
Tools   AWS, Git, Linux, GDB, Valgrind, Django (REST Framework), Jest, Cypress, NPM, Agile, Docker, LaTeX
Hobbies   Guitar playing, gaming, tabletop RPGs