Eugene Jang

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EDUCATION

University of Illinois at Urbana-Champaign   GPA: 3.88
Bachelor of Science, Computer Science   Aug 2020-May 2023

Coursework: Data Structures, Systems Programming, Computer Architecture, Database Systems, Artificial Intelligence, Numerical Methods, Probability and Statistics for Computer Science, Discrete Structures, Applied Linear Algebra

Honors: Deans List (Fall 2020, Spring 2021, Fall 2021)

Extracurriculars: Ga Rahk Ma Dang (Drumming Ensemble), Badminton for Fun, Personal CS&Math Tutor

EXPERIENCE

University of Illinois Department of Computer Science
CS124 Course Associate   Aug 2021-May 2022
CS125 Course Assistant   Jan 2021-May 2021
- Advised underclassman course of over 1,000 students via online forum/help desk concerning labs, homework, machine projects, and personal reassurance / encouragement
- Accelerated student learning via pre-recorded walkthroughs of daily lessons on basic imperative and object-oriented Java programming concepts and weekly live review sessions in preparation for quizzes

PROJECTS

Yelp 411.0   Jan 2022-May 2022
- Deployed a MySQL Database to store over 10,000 rows of business data with proper database design techniques and utilized triggers to update the data when rows are added/updated/deleted
- Built a web app and REST API with React.js and Express to interact with the MySQL database and allow users to easily update and view businesses and reviews

"TV Show" Rating Similarity   Nov 2021-Dec 2021
- Implemented BFS and Dijkstra's Algorithm using C++ to compare rating differences spanning over 10,000 users on MyAnimeList.com and designed Force-Directed Graph visualization

PokéWeaknesses – *Pokémon Showdown browser extension*   Jul 2021
- Enhanced user's experience of pre-existing Pokémon battle simulator by retrieving the names of each Pokémon via web scraping and displaying type effectiveness of each Pokémon through the use of a pre-existing REST API

Covid-20 Android App   Sep 2020-Dec 2020
- Collaborated with a team of 6 engineers to develop an Android Application utilizing Google Maps API and COVID-19 API to retrieve user location and display total number of COVID-19 in real-time locations to contact tracing

SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, C#, Bash, HTML, CSS
Tools/Frameworks: Git, Node.js, React.js, LibGDX, Android Studio, Unity, Heroku, REST APIs