Dev Kunjadia

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EDUCATION

University of Michigan   Ann Arbor, MI
Bachelors of Engineering in Computer Science, Minor in Mathematics   *2024*
    Coursework: Data Structures, Algorithms, Linear Algebra, Calculus 1-3, Discrete Mathematics, Statistics
    Activities: Void Tech Consulting, MFly, M-Hackers, Michigan Data Science Team, Club Wrestling, End the Cycle

EXPERIENCE

Software Developer   August 2022 – Present
Void Technical Consulting   *Ann Arbor, Michigan*
- Designed full stack technical system using front-end JavaScript libraries and SQL databases
- Utilized React-Native along with Express.js to create fully functional infrastructure for MThrift mobile app
- Developed and implemented backend database schema using Sequalize and PostgreSQL

Finance Intern   May 2022 – Aug. 2022
Magna International   *Northville, Michigan*
- Utilized SAP ERP to manage financial accounting for Magna Rohinni Automotive joint venture
- Recorded and organized technology depreciation into spreadsheets to be entered and accrued
- Worked with 4 person accounting team to prepare trial balances and prepare general ledger for month end

Associate Product Manager   Oct. 2021 – May 2022
GoMuve   *Quebec, Canada*
- Assigned 60 and debugged over 200 JIRA tickets whilst following Agile/Scrum Methodology
- Wrote pseudo code for data validation methods within full stack transit web and mobile applications
- Wrote validation logic for ride scheduling and created edge cases to debug within transit booking software
- Reworked UI of mobile applications to make ride booking and passenger management as seamless as possible

PROJECTS

Computer Vision Object Detection | *Python, Numpy, OpenCV, Math-Library, OOP*   Present
- Used linear algebra and geometric properties of shapes to design algorithms to detect polygonal objects
- Detected contours of object in camera footage to allow for object area and perimeter detection using OpenCV
- Utilized Numpy to compile image footage into stacked window display of grey scale-and real contours

Meetup Manager | *JavaScript, React.js, HTML/CSS, Next.JS, MongoDB, REST*   July 2022
- Created meetup web app using React.js to build page components, with a MongoDB Atlas Back End
- Used Next.js to handle server side rendering, client authentication, and connection to MongoDB
- Utilized CSS, HTML, and JSX to allow for pages to render dynamically in accordance with server-side data

Zombie Attack | *C++, Git, OOP, Priority Queues, Binary Heaps*   Feb 2022
- Created fully functional automatic Zombie attack game with adjustable statistic outputs
- Utilized STL library data structures such as priority queues and binary heaps to implement ordered attack system
- Implemented zombie object logic using abstract data types, polymorphism, inheritance, and comparators

ADDITIONAL

Technologies: C++, JavaScript, Python, React, Node, PostgreSQL, MongoDB, Pandas, NumPy
Developer Tools: Git, Docker, Jupyter Notebooks, Anaconda, Postman, Linux
Interests: Chess, Wrestling, Weightlifting, Fishing