David Dinh

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Education

University of South Carolina, Columbia, SC- LIFE scholarship; Engineering scholarship   **Aug 2022-May 2026**
B.S. Computer Science

PROJECTS

PekPek
- Developed a language learning app using Java, with JSON integration for data organization.
- Balanced gamification with effective learning through progression-based lessons and interactive exercises.
- Integrated JUnit for unit testing, ensuring robustness of lesson delivery and user progress features.

Spot Finder
- Smart Parking System that provides real-time space availability to solve urban parking challenges
- Technologies used: Python, AWS, Flask, SQLite
- Received positive feedback from peers and instructors for the project's utility and code quality.

EXPERIENCE

MOA Korean Restaurant & Bar- Busser/Server/Expo (August 2023-Present)   **Columbia, SC**
- Supervised a team of 15+ staff members, ensuring efficient restaurant operations and exceptional customer service.
- Managed and expedited 200+ orders per shift, enhancing kitchen-to-table efficiency and reducing wait times by 20%.

929 Kitchen & Bar- Server/Expo (August 2023-Present)   **Columbia, SC**
- Served and managed 150+ customers per shift, consistently receiving commendations for service excellence.
- Contributed to a 25% improvement in order accuracy and speed by streamlining the expo process.

Centro Health Solutions- Software Developer Intern(October- Present)   **Columbia, SC**
- Performed tests daily, ensuring comprehensive coverage of website functionality and improving test coverage by 12%.
- Worked closely with developers to troubleshoot and resolve issues, providing detailed feedback on potential system vulnerabilities and improvements.
- Utilized various testing tools and techniques to simulate user scenarios, ensuring the website's readiness for public release.
- Maintained detailed documentation of identified bugs, test cases, and debugging steps, enhancing the team's ability to track and resolve issues efficiently.

LEADERSHIP & EXTRA CURRICULARS

Mentor Program, University of South Carolina, (Fall 2023- Present)   **Columbia, SC**
Vietnamese Association, University of South Carolina, (Fall 2023- Present)   **Columbia, SC**
Data Science Club, College of Charleston (2022)   **Charleston, SC**
Secretary Of State, National Beta Club SC, (Feb 2021- 2022)   **Greenville, SC**
- Managed and documented minutes for all state-level meetings, ensuring accurate records for future reference.
- Collaborated with club officers to organize and execute state-wide events.

DECA Officer, Eastside Highschool, (August 2019-2022**)**   **Greenville, SC**
- Founder of PACK-A-SACK, a yearly Thanksgiving food drive that raised over 5,000lbs of food for people in need.
- Achieved Second Place for project management competition at state level.

SKILLS & INTERESTS

- **Languages:** Java, C, C++, Python, HTML, CSS, SQL, React, Java Script
- **Technologies:** Git, IntelliJ, Visual Studio Code, WebStorm, Yarn, Docker, Node.js, AWS
- **Practices**: Algorithms, Data structures, Design patterns, Unit Testing, test-driven development, SCRUM, Waterfall, DRY, Version control
- **Skills**: Project Management, Team Development, Power Lifter, Weight training
- **Interest:** learning new programing languages, Stock trading, Watching educational videos, Documentaries, Pickle Ball