Adam Wu

Raleigh, NC | adwu28@gmail.com | 919-903-5537

github.com/minebreak28 | linkedin.com/in/ajwu28

SUMMARY

College graduate passionate for growth and opportunities in computer science and software development. Can consistently bring dynamic and self-driven work ethics to any company's table. Skilled in creative, analytical, and logical reasoning, with excellent leadership and communication skills with peers, managers, and customers. Strongly motivated about my major of study and chosen career path. Currently seeking a software engineering entry-level position post-graduation.

EDUCATION

North Carolina State University   Raleigh, NC | 2020 – 2024
- Bachelor of Science in Computer Science, Minor in Bus. Administration
- GPA: 3.982/4.000
- Graduated with University Honors Program

RELATED COURSEWORK

- Automata, Grammars, & Computability
- Automated Learning & Data Analysis
- Web-based Client-Server Computing
- Computer Security
- Data Structures & Algorithms
- Operating Systems
- Data & Computer Comm. Networks
- Advanced Algorithms

TECHNICAL SKILLS

Languages in order of proficiency: Java, C, JavaScript, TypeScript, Kotlin, HTML, CSS, SQL, Python, SAS
Frameworks and Libraries: React, Node.js, Spring
Development Methodologies: Agile, Scrum
Software Tools: Git, Jira, PostgreSQL, Docker, AWS, Eclipse, IntelliJ, VS Code

WORK EXPERIENCE

Web Development Intern
Prometheus Group   Raleigh, NC | May 2023 – Aug 2023
- Utilized Jira ticketing system to efficiently manage and streamline project workflow
- Improved server-side functionality through Java and Kotlin for backend development
- Leveraged JavaScript, React, Redux, HTML, and CSS components to develop frontend interfaces that emphasize user-friendliness
- Employed PostgreSQL for database management and storage

Server
Seol Grille   Cary, NC | Aug 2022 – Present
- Implement business and sales strategies such as upselling and cross-selling to sell upwards of $5000 of Korean barbecue each day
- Achieve a consistent 95% weekly satisfaction rating using superb customer service skills

PROJECTS

Senior Design Project – OfficeHowlers   2024
- Designed, implemented, and extensively tested a progressive web application with three other students, that aimed to improve the efficiency of interactions between students and teaching staff during office hour sessions
- Utilized TypeScript/React on the frontend, and Node.js/Sequelize on the backend for full-stack solutions
- Deployed with Docker for containerization while ensuring secure database management with MariaDB

Blackjack Simulator   2023
- Used Java and Eclipse IDE to code blackjack simulations that outputted data for machine analysis
- Developed and tested algorithms to take into account the logistics of hitting, standing, and doubling, as well as bet amount based on card count
- Applied machine learning techniques such as principal component analysis and logistic regression to predict if card counting was used to exploit the game of blackjack

CERTIFICATIONS

- AWS Certified Cloud Practitioner | Amazon Web Services (AWS)   May 2024