Adam Wu

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SUMMARY

Driven college graduate passionate for growth and opportunities in full-stack development, cloud computing, and DevOps. Can consistently bring dynamic and self-driven work ethics to any company's table. Skilled in creative, analytical, and logical reasoning, alongside excellent leadership and communication skills with peers, managers, and customers. Deeply motivated about my chosen career path and determined to bring innovative solutions to create a positive societal change.

EDUCATION

North Carolina State University   Raleigh, NC | 2020 – 2024
- Bachelor of Science in Computer Science, Minor in Business Administration
- GPA: 3.973/4.000
- Graduated with University Honors Program
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WORK EXPERIENCE

Web Development Intern

Prometheus Group   Raleigh, NC | May 2023 – Aug 2023
- Leveraged JavaScript, React, HTML, and CSS components to develop frontend interfaces that emphasized error handling, interactive features, and user-friendliness, contributing to a 15% increase in user feedback scores
- Improved server-side functionality, optimized SQL queries, and built API endpoints through Java and Kotlin, effectively increasing data retrieval efficiency by 20% for key queries and reducing server response time by 10%
- Utilized Jira and Gitlab to efficiently manage and streamline project workflow in a small team of three

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

PERSONAL PROJECTS

1v1 Chess   2024
- Designed and implemented an online chess game that uses the Socket.IO and chess.js libraries to implement real-time chess gameplay and chat functionality
- Utilized React on the frontend and Node.js/Express on the backend to handle dynamic UI and server-side routing
- Hosted the application online using AWS Elastic Beanstalk, CloudFront, and Route 53
- Link to live site: https://chess.adamwu.dev/

Portfolio Website   2024
- Used JavaScript, HTML, and CSS extensively to create a static website that showcases my background, skills, projects, and contact information
- Implemented AWS DynamoDB and AWS Lambda to enhance website functionality and data management
- Deployed on the internet using AWS S3, CloudFront, and Route 53
- Link to live site: https://portfolio.adamwu.dev/

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

TECHNICAL SKILLS

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

CERTIFICATIONS

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