Logan Kwonhee Choi

(573) 578-9980 | linkedin.com/in/loganchoi/ | github.com/loganchoi | kwonhee1023@gmail.com

Education

University of Washington Sept. 2023 - Present
Master of Science in Computer Science and Software Engineering (GPA: 3.90/4.0)
- ***Courses:*** *Parallel Programming, Machine Learning*

Missouri University of Science and Technology Aug. 2019 - Dec. 2022
Bachelor of Science in Computer Science | Minor in Mathematics (GPA: 3.98/4.0)
- ***Courses:*** *Data Structures, Algorithms, Operating Systems, Regression Analysis, Artifical Intelligence, Numerical Methods, Databases, Computer Security, Networks, Languages & Translators*

Skills

Certifications: Microsoft Azure Fundamentals (AZ-900)
Languages: Python, Java, Javascript, CSS, HTML, C++, MatLab, SQL, R, Bash, Assembly, Rust
Dev Tools/Libraries: Git, Visual Studio, React.js, Spark, Hadoop, MPI, Pandas, Sckit-Learn, MapReduce

Experience

Advanced Micro Devices (AMD) Santa Clara, CA
Incoming Software Engineer Spring Intern Jan. 2024 – Present
- Incoming intern specializing in process automation to optimize workflow efficiency

Deloitte Arlington, VA
Technology Consultant Intern Jun. 2022 – July 2022
- Constructed an engaging onboarding presentation for future team members by highlighting essential team dynamics, communication strategies, and project workflows to promote integration within the team
- Maintained consistent communication through regular weekly meetings and daily stand-ups with clients and stakeholders to discuss technological enhancements through the leveraging of cloud services
- Championed cross-functional collaboration and provided consistent support to optimize project timelines, ensuring timely completion of status updates such as meeting minutes and key milestones for senior leadership

Mottomo Sushi Rolla, MO
Web Developer & Manager Aug. 2018 – Sept. 2023
- Designed and developed a website for a sushi restaurant using React.js, HTML, and CSS which led to a 15% increase in website traffic
- Successfully mitigated the issue of incorrect menus circulating online by consolidating information into one true source resulting in zero customers reporting wrong menus
- Enhanced overall service quality through supervising and training 10+ employees on managing and cultivating relationships with customers

Missouri University of Science and Technology Rolla, MO
LEAD Tutoring: Tutor & Communications Officer Aug. 2020 – Dec. 2022
- Mentored 90+ students in various subjects such as Intro to Programming and Calculus For Engineers
- Partnered with professors to craft impactful tutoring sessions, achieving a 10% score boost for 15+ students
- Promoted learning sessions via social media and posters increasing attendance to tutoring workshops by 20%

Asian American Association: Vice President Jan. 2021 – Dec. 2022
- Led the organization and coordination of social charity events, including donation booths on campus, to promote the Stop Asian Hate campaign, which raised over $500 to donate to the AAPI community
- Spearheaded multiple successful collaborations with NSBE and SHPE such as a Thanksgiving community event and sporting activities to promote inclusivity, resulting in a more supportive and engaging campus

Projects

Articulation Points Oct. 2023 – Dec. 2023
- Analyzed different parallelization strategies (MPI, Spark, MapReduce) to pinpoint weaknesses within a network, resulting in a 71-98% improvement in speed for identifying critical points

NBA Games Prediction Nov. 2023 – Dec. 2023
- Built an accurate NBA games outcome predictor by leveraging feature engineering and machine learning models (SVC, Logistic Regression, Random Forest, Stacking, XGBoost), achieving a 70% accuracy rate

Placement Testing Aug. 2022 – Dec. 2022
- Developed a placement testing site as the project lead for the MS&T computer science department to measure incoming students' coding competency for precise class placement to increase engagement with the students

Chess AI Mar. 2022 – May 2022
- Programmed a Python-based chess AI incorporating limited iterative deepening, min-max, alpha-beta pruning, and state recognition, enhancing the efficiency of finding winning states by 10% weekly