Jiwon Baek

Austin, TX | Open to Relocation | (530) 220-7145 | bjiwon766@gmail.com | LinkedIn | Portfolio | GitHub

SKILLS & CERTIFICATIONS

Certified Information Systems Auditor (CISA) | ISACA **Certified October 2026 | Score: 699/800**

Technology Risk & Controls: ITGCs, SOX Logical Access, Application Controls, Risk Assessment, Control Design, Operating Effectiveness Testing, Evidence Review, Exception Analysis, Remediation Tracking, Audit Documentation
Data & Analytics: Excel (PivotTables, VLOOKUP), SQL, Python, R, P&L Analysis, Budgeting, Reporting
Framework Knowledge: SOX, SOC 2, NIST CSF, ISO 27001, COBIT
Technical Tools: Wireshark, QXDM, QCAT, STAR, ELT, Odin, FDM
Languages: English (Bilingual), Korean (Bilingual), Chinese (Limited Working Proficiency)

EXPERIENCE

LS Electric America | Application Engineer | Bastrop, TX *06/2026–Present*

- Review customer requirements, technical specifications, drawings, and applicable standards to identify gaps and project risks, coordinating with engineering and sales to resolve issues.
- Conducted a pre-deployment security review of an internal application, evaluating access controls, session management, data exposure, and audit logging; documented control gaps and tracked remediation actions.

Samsung Electronics America | Software QA Engineer | Plano, TX *06/2025–06/2026*

- Validated voice, messaging, network registration, SIM/eSIM, CBRS, and service recovery scenarios across multiple U.S. carriers, identifying software and network issues through structured testing and analysis.
- Investigated software, modem, SIM, and network issues using packet traces and diagnostic logs; reproduced defects, identified potential root causes, and documented findings with reproduction steps, logs, and screenshots.
- Managed PLM tickets from reporting through investigation, remediation verification, retesting, and closure; coordinated fix validation and recurring issue-status reporting with engineering teams.

University of California, Davis | Instructional Technology Intern | Davis, CA *11/2024–06/2025*

- Supported 40+ undergraduate students through computer labs and office hours, resolving issues involving Excel, Microsoft Office, Google Workspace, RStudio, and LibreOffice and contributing to instructional materials.

Kelly & Stephan | Business Operations Intern | Seoul, South Korea *05/2022–09/2022*

- Analyzed P&L and product profitability, recommending the discontinuation of an underperforming product and contributing to a 2% increase in overall profit.
- Developed an internal quotation automation tool with pricing logic, approval workflows, and access restricted to authorized internal users, reducing quotation turnaround time by 30%.

TECHNOLOGY RISK & CONTROLS PROJECT

Technology Risk & Controls Assessment | Independent Portfolio Project | Link

- Built an access review tool that reconciles employee and system-access data to identify terminated-user access, delayed deprovisioning, privileged-access exceptions, dormant accounts, role mismatches, and unmatched accounts.
- Applied SOX ITGC logical-access concepts through a simulated audit case study covering risk assessment, control design, operating-effectiveness testing, evidence evaluation, exception analysis, and audit findings.
- Documented remediation and retesting through structured workpapers and representative SQL test procedures, demonstrating the end-to-end audit lifecycle from risk identification through control conclusion.

LEADERSHIP EXPERIENCE

Korean-American Scientists and Engineers Association (KSEA) | Vice President & Treasurer | Davis, CA *01/2023–06/2025*

- Managed budgeting, expense tracking, reimbursements, financial reporting, and resource allocation, increasing annual net operating surplus by more than 7x.
- Built a member portal using Next.js, TypeScript, Prisma, and PostgreSQL with JWT authentication, role-based access (RBAC), admin approval, and audit logging to support secure, traceable administration.

EDUCATION

University of California, Davis | *Bachelor of Science in Statistics* | *Minor in Computer Science* *09/2022–06/2025*