Nolan Winsman

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EDUCATION

Bachelor of Arts in Computer Science, *Southwestern University* ↗   08/2018 – 05/2022 | Georgetown TX

EXPERIENCE

Senior Systems Engineer, *Visa* ↗   06/2022 – present | Highlands Ranch CO
- Coordinate and execute Endevor batch jobs to promote mainframe code to production, ensuring timely and accurate deployment of code changes.
- Maintain Endevor configurations, security permissions, and environment mappings, to ensure smooth and efficient code promotion process.
- Conduct thorough validation of code to ensure compliance with federal audit regulations.
- Develop various programming projects based on teams needs with a particular emphasis on implementing automation to streamline outdated processes.
- Spearheaded the creation of precise onboarding documentation consisting of 30,000+ words and 100+ images.

Quality Assurance Engineer Intern, *hOp Life*   06/2021 – 11/2021 | Austin TX
- Generated and executed test coverage for user stories and regression. Initiated effort to audit and improve test case structure and quality.
- Developed website test automation with Cypress test framework.
- Designed and created Business Process Model Diagram (BPMD) compliant diagrams and workflows detailing both QA and company-wide agile processes used when onboarding new employees.

IT Support Specialist, *Southwestern University*   10/2020 – 05/2022 | Georgetown TX
- Assessed and troubleshot computer problems brought by students, faculty and staff.
- Maintained upkeep of computers, classroom equipment and audio equipment across campus.

PROJECTS

User Access Revalidation (UAR) Portal (Visa)
- Designed and implemented a user access re-validation system (UAR) for Visa using React and Go, improving overall security and compliance with internal and federal audit regulations.
- Developed a setup script in Go that utilizes API and LDAP calls to retrieve data for 300+ users and 70+ managers, which is then organized into a 3NF database, streamlining the configuration process.
- Implemented a back end in Go to establish seamless communication between the front-end interface and database, allowing for efficient recording of manager attestations.

IBM TPF Toolkit-Automation (Visa)
- Implementing Go program to automate QA code migrations using our in-house version control system.
- Partnering with Toolkit admin team to update their API to enable the completion of this automation endeavor.
- Produced documentation and diagrams to outline our team's specific requirements for an updated API, supporting communications with the Toolkit team. This effort enabled us to clearly communicate the necessary changes to integrate in their system with our workflow and increase our team's productivity.

SKILLS

Languages: Go, Python, SQL, C++, Java, JavaScript, Typescript, Markdown, Bash, Common Lisp, Prolog

Dev Tools: Neovim, Git, React, Endevor, Zowe, Markdown, pgAdmin, Jira, Cypress, Postman, Linux, LaTeX