Jack Wallace Keller

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EMPLOYMENT HISTORY

- **January 2023-Present | Software Engineer | Booz Allen Hamilton**
  - Designed and implemented script for setting up a development environment more efficiently (Ansible)
    - Cut down individual development environment setup from 2-3 hours to 15 minutes
  - Designed and implemented library for processing and verifying metadata from different video formats (Go)
    - Convert video stream from bytes to a custom format for filtering and back to the original bytes
    - Filter the data for any invalid data or discrepancies to verify all data received is valid
      - Implement custom types to facilitate more efficient filtering across all video formats
  - Designed and implemented Web GUI for creating and managing video input streams (Go Templates)
    - Created regression test document to more thoroughly and consistently test the interface
    - Added the following capabilities:
      - View all video input streams
      - Start and stop video input streams
      - Delete video input streams
      - DVR video input streams
      - Edit video input stream settings
- **September 2021-January 2023 | Software Engineer II | Altamira Technology Corporation**
  - Implemented testing suites for various projects (Java)
  - Designed and implemented Web GUI issue tracking applications, both front and back-end (Angular, Typescript, JavaScript, & Go)
    - Added capability to export selected issues to CSV
  - Designed and implemented Web GUI applications for displaying and altering of metadata on a given object (Angular, Typescript, & Java)
  - Designed scripts to assist in the development and maintenance of other programs (Bash)
- **May 2021- September 2021| Software Engineer I | Honeywell Intelligrated**
  - Supported in-house software that controlled and maintained machinery in distribution centers (C#)
- **June 2019-May 2021 | Associate Computer Engineer | University of Dayton Research Institute**
  - Designed and implemented OMS project for large XML file ingesting that would store the information in various databases (MySQL, PostgreSQL, SQL Server, Oracle, & Java)
  - Modified and supported custom modular GIS application (C#)

EDUCATION

- B.S. Computer Science | Wright State University, Dayton, OH

CERTIFICATIONS

- Security+ | December 2024

SKILLS AND STRENGTHS

- Programming languages & technologies: Java, C#, C++, Python, C, Javascript, Angular, HTML, Golang, Git, CI/CD
- Strong personal and communication skills
- Ability to work in and lead a group
- Knowledge of Microsoft Office (Word, PowerPoint, Excel, etc.)

COMMUNITY

- Habitat for Humanity, Stillwater United Methodist Church
- Miamisburg Plaza Theater Volunteer