DAVIS DELOACH

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EDUCATION

Tennessee Technological University   **Cookeville, TN**
Bachelor of Science / Major in Computer Science   December 2024
- Recipient of Dean's List Academic Achievement Award   Major GPA – 4.0

EXPERIENCE

Alexpro Solutions   **Cookeville, TN**
Software Developer   2024 – Present
- Assigned tasks such as bug fixes, features, or security risks.
- Utilized Git for version control.
- Consistently contributed to team success through effective communication, cooperation, and a proactive approach to achieving shared goals.
- Used Django to host backend and create models to be stored with MariaDB.
- Wrote frontend Django templates in HTML using jinja tags to interface with backend.
- Handled self-paced, self-assigned issues in a timely manner.
- Applied problem solving skills to create solutions to loosely defined problems.

Tennessee Technological University   **Cookeville, TN**
Teaching Assistant   2023
- Assisted professor in grading assignments.
- Met with students to explain concepts and answer questions.

Tennessee Valley Authority   **Chattanooga, TN**
Intern/Co-op   2022
- Lead development of an internal employee organization system utilized company wide.
- Furthered knowledge on working with database manipulation.
- Utilized Power Apps, Power BI, and Power Automate to create workflows.
- Presented capstone project to several company managers.

ORGANIZATIONS AND CAMPUS LEADERSHIP

Stone Hill Properties LLC - Owner   **Hixson, TN**
                                                                                                                           2022 – Present

PROJECTS

FarmFolio
- Senior capstone project written in Node.js, React.js, and MariaDB, hosted in AWS.
- Worked in a team of 10 effectively to scaffold out and test commits.
- Wrote a weather widget that reaches to an API that populates current weather data.
- Wrote a clock in/out feature that records time in, time out, and total time elapsed.

Personal Projects
- Multi-server home lab setup utilizing Proxmox hypervisor and Pfsense firewall VM.

TECHNICAL SKILLS

- Programming Languages: C++, Python, SQL, Bash/Unix Scripting, NASM Assembly, Java, HTML, CSS, Javascript, Django, SQLite
- Tools: Tailscale VPN, Proxmox, PfSense, Node.js, React.js, Word, Excel, PowerPoint, Power BI, Power Apps, Power Automate, Git

TRAINING/CERTIFICATIONS

Center for Career Development

- Certification rewards students for active campus participation and attendance at job fairs and workshops designed to assist with career readiness and skill development in areas such as critical thinking, teamwork, communication, leadership, time management and conflict resolution. Based on NACE Career Competencies.

Tennessee Board for Licensing Contractors

Tennessee Contractor's License

- License Number: 79880
- Issued by: Tennessee Department of Commerce and Insurance
- Date of Issuance: November 7th, 2023

Six Sigma White Belt

Six Sigma Online

- Certification Number: djI4NjU1My0yOTg
- Certification Date: April 4th, 2024