Seth Baird

LinkedIn : seth-baird-8b68b9243
Email : sethbaird01@gmail.com
Mobile : (469) 486-2236
Github : sethbaird01

WORK EXPERIENCE

- **Jawa.gg** — Remote - Dallas, TX
  Verified Seller — *October 2021 - August 2023*
  - **Computer Sales and Commissions**: Built and sold dozens of tailored desktop, laptop, and Mac computers to end users at different price points and configurations.
  - **Part Refurbishment and Sales**: Repaired, cleaned, and refurbished parts and sold them to PC builders and end users through Jawa's marketplace.
  - Top 10 sellers in overall performance, recognized by CEO Amanda Stefan for driving Jawa's growth.

- **SMS InfoCommm** — Grapevine, TX
  NVIDIA Server Repair Technician — *June 2024 - August 2024*
  - **Hardware Repair and Troubleshooting**: Diagnosed, refurbished, repaired, and built NVIDIA HGX 8-GPU units under Wistron Corporation.
  - **Servers and Information Technology**: Daily activities depended on the use of Linux, SSH, tmux, Microsoft Office, as well as strong communication and note-taking skills.

PROGRAMMING AND IT SKILLS

- **Computer Science**:
  - Worked with Java and OOP at home and in school beginning in 2018, completing multiple courses over the subject
  - Completed a 2 semester long course on data structures at a local vocational school
  - Developed iOS apps with Swift and Android apps with Kotlin, including the use of imported libraries
  - Created other small personal projects with C, Typescript, Python, and LaTeX

- **Linux Server Administration**:
  - Administrated a network of KVM virtual machines and linux containers (LXC) through hypervisor Proxmox
  - Assembled two purpose built NAS computers with identical hardware, configured to make encrypted backups to each other over VPN tunnel
  - Wrote custom bash scripts utilizing cron to automate full system backups and other maintenance tasks

- **Network Design and Configuration**:
  - Leveraged a custom PFSense router for greater speed and customizability
  - Managed Dell PowerConnect Switches with link aggregation groups to accelerate transfer speeds across the LAN
  - Maintained a DNS server with domain filtering to block advertisements for all devices on the network

- **Various Engineering Projects**:
  - Integrated microcontrollers and SBCs in various personal projects, including a WiFi-connected ceiling fan relay box, an arcade style video game controller, and a web based 3D printer monitoring solution
  - Installed and fully integrated different 12V automotive accessories such as a remote-start alarm system, A/V head units, parking sensors, dash cameras, and other small electronic devices
  - Used the Solidworks CAD software at home and in lab to create parts of various complexity, successfully 3D printing and machining them

EDUCATION

- **Purdue University** — West Lafayette, Indiana
  Sophomore pursuing Computer Engineering Technology — *Anticipated graduation May 2027*

- **Memorial High School** — Frisco, Texas
  Graduated May 2023 — *Unweighted GPA 3.81*
  - **Noteworthy Courses Taken**: Comp. Sci. 2 (AP) & 3 (Adv.), iOS Development, AP Calculus BC, AP Physics C