

Seth Baird

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WORK EXPERIENCE

- **Jawa.gg** Remote - Dallas, TX
Verified Seller Aug 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.
- **Self Employed** Remote - Dallas, TX
Ebay, local sales May 2018 - August 2023
 - **Computer Sales:** Built and sold specialized desktop, laptop, and mac computers to clients at different budgets. Parts were chosen and sourced for the best cost efficiency.
 - **Mobile Phone Repair and Sales:** Servicing all major manufacturers - sales and shipping to both domestic and international customers.

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 Proxmox
 - Used a virtualized instance of TrueNAS Core to create a reliable multipurpose storage array
 - 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
Freshman pursuing Computer Engineering 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