

# Seth Baird

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## WORK EXPERIENCE

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- **Jawa.gg**

*Verified Seller*

Remote - Dallas, TX

*Aug 2021 - Present*

- **Computer Sales:** Built and sold over 15 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**

*Ebay, local sales*

Remote - Dallas, TX

*May 2018 - Present*

- **Computer Sales and Commissions:** 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

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- **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
- Leveraged Javascript and Typescript to develop a bot using Node.js, Discord.js, and Dotenv
- Wrote a document format conversion utility with pyPDF in Python
- Developed iOS apps with Xcode/Swift in class
- Wrote this resume in LaTeX using custom commands

- **Linux Server Administration:**

- Administrated a network of KVM virtual machines and linux containers through Proxmox
- Used a virtualized instance of TrueNAS Core to create a reliable and high performance general purpose storage array
- Wrote custom bash scripts utilizing cron to schedule full system backups
- Upgraded the hardware to feature more processing threads and memory

- **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 ads for all clients
- Used static IP addressing to create a easily traversed and efficient network

- **Microcontroller and IoT:**

- Designed arduino code utilizing the Blynk API, linking the hardware to a mobile app
- Reprogrammed, flashed, and burned bootloader code to the ESP8266
- Built the microcontroller and relays into an enclosure for use in a ceiling fan
- Engineered a 3D printer monitoring solution using Octoprint and a Raspberry Pi with camera

## EDUCATION

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- **Memorial High School**

*Senior, Graduating May 2023*

Frisco, Texas

*Unweighted GPA 3.81*

- **Noteworthy Classes:** Comp. Sci. 1-3, Mobile App Development, AP Calculus BC, AP Physics C
- **AP Scores:** Computer Science: 5/5 ; Calculus BC: Pending ; Physics C: Pending