

# JACKSON KUPRIS

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## PROFESSIONAL SUMMARY

Multi-talented Programmer with over 3 years of experience in the software development industry. Demonstrated excellent skills in **HTML**, **JavaScript**, **React** and **Python**. A True team player with strengths in adaptability and accuracy.

## SKILLS

- **PYTHON**
- **HTML5**
- **JAVASCRIPT**
- **REACT**
- **SQL/CRUD**
- **DJANGO**
- **CSS/SCSS**
- **NODEJS**
- **MS OFFICE**
- **BASH**

## WORK HISTORY

### SENIOR TECHNICIAN AND DEVELOPER 04/2018 to 05/2020

**HyperBlock**, Missoula, MT

- Developed object-oriented software
- Utilized custom built monitoring tools to proactively prevent and alert of any incidents that occurred during daily operations ensuring no more than 15 minutes of downtime per unit per quarter
- Comfortable with CLI software such as Git
- Designed, implemented, and monitored multi-page websites, specifically utilizing React to allow for real-time updates as well as mobile applications which were employed daily by everyone with computer access within HyperBlock
- Administered SQL databases which contained over 20 tables with millions of entries. Applying Python libraries to send large queries to manipulate datasets as needed
- Completed projects while communicating with a small development team. This team was responsible for completing any number of projects through the lifetime of HyperBlock, to ensure effective and efficient solutions to any and all problems that arose
- Created scripts using NodeJS that would notify the correct contacts via email that something has potentially gone wrong with the other scripts/data-scrappers/the server which hosted all of our backend, allowing remote log-ins to correct said error
- Contributed efforts towards the company dashboard, using React to allow certain technicians to check out which units they were working on in real-time so there would be no overlap and doubling-up of work

### COMPUTER TECHNICIAN 01/2015 to 04/2018

**Recompute Computers**, Missoula, MT

- Supported training departments and schools containing over 200 computers, by accurately diagnosing and repairing hardware and software issues affecting computers and language labs
- Set-up, installed and configured computers in over 100 local businesses providing a wide

- range of services to support operations and reporting
- Used diagnostic tools to identify hardware failures and replace non-functional components
- Formed bonds and relationships with many customers ensuring return business and satisfaction

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## PROJECTS

### **Server Configuration Tool,**

- Responsible for connecting to any number of ASIC Servers, allowing one to pull and change information locally found on the server.

### **Tech Tools Web Application,**

- Web application that encompassed many of the tools developed for a team at HyperBlock, using a full Django Backend that communicated with various automation scripts built in Python.

### **Data Collector**

- A data scraper which used a multi-threaded Python script to collect information from over 11,000 ASIC servers and over 600 Smart Power Strips; It was exceedingly important that this operation was completed within two minutes to ensure close to real-time data on our dashboard.

### **Cooling Monitor System**

- An asynchronous NodeJS program, which monitored all of the temperature sensors throughout the data-center. Visualizing all the relevant data into a dynamically updating GUI, allowing easy to read alerts to be sent to the team members as to which cooling systems needed to be turned on to maintain optimal conditions for the machines operating within.