

Aaron Jefferson

CPDT-KA

Software Engineer
Data Analyst

Philadelphia, PA

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Skills

- **Languages:** Python, C, Java, JavaScript, SQL
- **Frameworks:** React, Node.js, Flask
- **Tools:** Git, AWS, Linux, MATLAB
- **Methodologies:** Object Oriented Programming, Test Driven Development

Technical Projects

- **Pokemon ROM Hack (C++)** - Modified Pokemon Emerald by editing maps, storylines, AI and gameplay to create a new game experience. Learned memory editing and game development skills.
- **Linux Web Server (Linux, Apache)** - Set up and soldered a Raspberry Pi with Linux to host a simple web server and database. Configured port forwarding and security.

Experience

Philly Unleashed / Animal Trainer

June 2022 - PRESENT, Philadelphia, Pennsylvania

- Lead, plan and assist training for group classes, and training
- Solve and assist with technical issues

Temple Artificial General Intelligence Team / Researcher - Student

October 2018 - May 2022, Philadelphia, Pennsylvania

- Research and present articles for discussion
- Review code and discuss changes

Glenwood Place Recording Studios / Audio Engineer - Intern

March 2014 - July 2015, Burbank, California

- Prepared and performed maintenance of studio equipment.
- Take notes and make creative adjustments on the fly in recording sessions, remember and maintain client relationships

Education

Temple University / B.S. in Mathematics and Computer Science

August 2019 - PRESENT, Philadelphia, Pennsylvania

- Active in the Artificial General Intelligence Team, and the Temple Math Club
- Independent research on BlockChain applications

Conservatory of Recording Arts and Sciences / Certification in Audio Recording

August 2013 - March 2014, Philadelphia, Pennsylvania

- Graduated with a 4.03 GPA, certifications in studio/live sound
- Worked for large festivals, college sports teams, and bands

