

TIPTON BROWNE

(224)-316-7016 | ttbrowne@iu.edu | <https://www.linkedin.com/in/tip-browne/> | <https://github.com/tipb47>

EDUCATION

Indiana University Bloomington

GPA: 3.86/4.00

Bachelor of Science in Computer Science

May 2026

- **Relevant Coursework:** Data Structures & Algorithms, Applied Algorithms, Mobile App Development
- **Awards:** Dean's List, All Semesters

WORK EXPERIENCE

Freelance Developer

Chicago, IL

Developer

June 2022 – Present

- Develop custom scripts and applications for clients, refining their technical and financial solutions.
- Devise and present innovative problem-solving solutions to address client challenges effectively.
- Implement and host automation tools to improve efficiency, reducing manual work and operational costs.

Old Willow Club

Skokie, IL

Lifeguard

May 2023 – Aug 2023

- Enforced pool rules and regulations diligently to ensure a consistently secure and safe environment.
- Demonstrated leadership by spearheading efforts to improve network infrastructure, improving employee efficiency.

Zolto Solutions

Chicago, IL

Co-Founder, Developer

Oct 2019 – Aug 2022

- Founded and led an online cryptocurrency group, focusing on deep market research to find investment opportunities.
- Developed autonomous bots for instant access to crucial data, including asset statistics and market influencer activity.
- Shared valuable passive income strategies such as Roth IRA investment strategies and DeFi protocol carry trades.
- Provided high-speed, curated information to 20+ members using scripts, reaching \$1,000,000+ in total profit.

PROJECTS

Bittensor Mining | Python, CUDA Toolkit, AWS, GCP, Bittensor API

Dec 2023 – Present

- Found and ran profitable mining opportunities across multiple Bittensor network (PoW blockchain) subnets.
- Developed and managed cloud instances running and fine-tuning LLMs from Hugging Face and OpenAI.
- Developed Bittensor tooling software to automate miner registration, deployment, and monitor various analytics.
- Generated cumulative 1.6 million in miner rewards over the course of 8 months for freelance clients.
- Open-sourced network tooling scripts on GitHub: <https://github.com/tipb47/bittensor-tooling/>

Rhythm Reserve | Django, React, PostgreSQL

Jan 2024 – May 2024

- Developed a fully functional ticket booking platform tailored to indie artists with 4 other students over 16 weeks.
- Collaborated in an Agile team environment, used Scrum for sprint planning, daily standups and retrospectives.
- Managed tasks and project progress using a Jira board, ensuring timely delivery of features and bug fixes.

SKILLS

Programming Languages: Python, Java, SQL, JavaScript, Kotlin, HTML/CSS, C#

Frameworks and Libraries: Django, React, Flask, PyTorch, CUDA Toolkit, Next.js, Express

Technologies and Tools: PostgreSQL, SQLite3, Git, Docker, Android Studio

Languages: English (Native), Spanish (Beginner, Seal of Biliteracy)