

# Flawnson Tong

[flawnson.tong@gmail.com](mailto:flawnson.tong@gmail.com) | [flawnson.com](http://flawnson.com) | [github.com/flawnson](https://github.com/flawnson)

## SUMMARY

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I dropped out of University of Waterloo to build things that make the world a better place. As a co-founder of Comend, I led 0→1 development, raised \$750K+ at an \$8M valuation, and shipped multiple products used by 50+ patient groups.

## EXPERIENCE

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### Comend

February 2023 – Present

*CTO and Co-founder, Toronto, Canada (Hybrid)*

- Raised over \$750K USD in funding from Character Labs, Drive Capital, and PharmStars.
- Built a multi-tenant project management suite for non-profit research workflows, complete with a research planner, integrated contract research organization discovery, and customizable public subdomains; now used by 50+ patient groups managing 140+ research plans.
- Built and launched Librarey, a search platform helping over 10K rare families discover curated resources.
- Led all engineering, including architecture, backend, frontend, infrastructure, and deployment.
- Scaled team to 4 and established development workflows, testing (Playwright/Jest), and CI/CD pipelines (GCP, GitHub Actions).
- Technology used: Typescript, Python, React, NextJS, Postgres, Prisma, Tailwind, Docker, Mixpanel, CustomerIO, Typesense, Algolia

### Kebotix

September 2020 – May 2021

*Machine Learning Developer Intern, Boston, Massachusetts (Remote)*

- Built a generative Transformer model optimized with a genetic algorithm to discover organic and inorganic molecules with targeted light absorption properties and feasible synthetic pathways.
- Automated hyperparameter optimization and improved hit-rate of valid molecules by 20%.
- Contributing author of "Molecular Discovery with Conditional Generative Transformers Coupled with Genetic Algorithms" (unpublished).
- Technology used: Python, PyTorch, Tensorflow, Ray Tune, scikit-learn

### Relation Therapeutics

September 2019 – May 2020

*Machine Learning Research Intern, London, UK (Onsite)*

- Developed novel GNNs for predicting druggability and classifying protein types.
- Built a tuning and evaluation pipeline to optimize model parameters and configurations, producing 2x more valid non-toxic molecules than prior approaches.
- Contributing author of "Sparse Dynamic Distribution Decomposition: Efficient Integration of Trajectory and Snapshot Time Series Data" (Taylor-King et al.).
- Technology used: Python, PyTorch, Azure, CUDA, NetworkX, LaTeX

## PROJECTS

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**Teatico** | *Typescript, React, NextJS, Tailwind, Drizzle ORM, Vercel, Neon, Postgres*

January 2026 – Present

- Built a full-stack web application and automated data pipeline to scrape and index 20K+ tea products across Shopify and WordPress stores.
- Integrated LLM-assisted workflows for data extraction, classification, and schema normalization.
- Implemented profiles for users, built Wikipedia style user contributions, and self-hosted search on a Digital Ocean Droplet VPS.

## TECHNICAL SKILLS

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**Languages:** Python, TypeScript, JavaScript, SQL

**Frameworks & Libraries:** React, Next.js, Node.js, Tailwind, GraphQL, tRPC, PyTorch, TensorFlow, scikit-learn

**Data & Infrastructure:** Postgres, Prisma, Drizzle ORM, Typesense, Algolia, Docker, Google Cloud Platform, Microsoft Azure, Vercel, Neon, DigitalOcean,

**Tools & Systems:** Vim, Git, GitHub Actions, Playwright, Jest, Mixpanel, Customer.io, codex, cursor,

**Specialized:** Large scale web scraping, Multi-tenant architecture, API design (REST and RPC), Monorepo architecture, CI/CD systems design, Containerized deployments, Remote GPU workflows, SSH-based development