

HANNAH WIMPY

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FOUNDING

Drug Discovery Automation Startup

Founder

Boston, MA

June – Nov 2025

- Built lab-in-the-loop patch clamp software with real-time inference and end-to-end bioinformatics pipeline
- Scaled until acquisition by enterprise pharmaceutical company

Hannah Wimpy Consulting

Founder

Remote

Aug 2021 – Nov 2025

- Scaled to 6 figures revenue across biotech/healthcare, productivity, and quantitative finance with clients like Structured (top App Store)
- Delivered: iOS applications, ML frameworks, EHR systems, bioinformatics tools, and more; managed 13 contractors

OPERATING

Lila Sciences

Next Generation AI Product Co-op

Boston, MA

Jan – May 2026

- Building the orchestration layer for scientific superintelligence: between hardware, robotics, and platform.
- Working across hardware and ML teams to scale closed-loop systems AI designs experiments, robots run them, the system learns from results.

Cloud303 (AWS Premier Partner)

Life Sciences Lead Consultant

Boston, MA

July – Oct 2025

- Established life sciences vertical, 900+ prospect pipeline (\$100K+ average deals); led cross-functional teams architecting AWS solutions for biotech clients from scoping through deployment
- Contributed to client's \$300M+ Series C through cloud transformation advisory

RESEARCH

Harvard Medical School, Department of Neurobiology, Bean Lab

Computational Electrophysiology Research Co-op

Boston, MA

Jan – June 2025

- Developed CTBN-based models for voltage-gated ion channel analysis that enabled real-time lab-in-the-loop inference of parameters; first undergraduate researcher in lab

Northeastern University, Center for Drug Discovery, Plant Lab

Research Fellow

Boston, MA

May – Dec 2024

- Built predictive models and molecular dynamics simulations for autism/epilepsy drug targets and contributed to ongoing AlphaFold2 open source development

LEADERSHIP

rev, Northeastern University

Executive Director

Boston, MA

Jan 2025 – Present

- Run the premier incubator on campus (40 companies/semester); support fundraising, VC connections, company building
- Recent alumni/dropouts: 5+ YC-backed founders, 75M+ ARR across founders

EDUCATION

Northeastern University

BS Computational Biophysics, Independent Studies (Self-Designed)

Boston, MA

Sept 2023 – April 2027

Stamps Scholar (Full-ride Merit), Lime Fellow, W.H. Nelson STEM Scholar, Women Who Empower Innovator

SKILLS

ML/AI: PyTorch, JAX, TensorFlow, scikit-learn, CTBNs, XGBoost, Hugging Face, MLflow, W&B, Ray Tune

Infra: AWS (EC2, S3, Batch, SageMaker), GCP, Docker, Kubernetes, Terraform, SLURM, Airflow

Bio: Nextflow, Snakemake, GROMACS, AutoDock, RDKit, PyRosetta, AlphaFold, multi-omics

Dev: Python, C++, Julia, SQL, Bash, Swift; PostgreSQL, MongoDB, Redis, Spark