Connor B Parish

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EXPERIENCE

Hindsight, Boston, MA https://hindsight.life; https://github.com/cparish312/hindsight
Solo Founder Feb 2024 - Present

- Hindsight is an open-source Android app that allows you to record, search, and query everything you've seen on your phone by continuously taking screenshots

Augmentation Lab, Boston, MA https://www.augmentationlab.org
Resident July 2024 - Aug 2024

- Developed and presented novel ways for individuals to collect and utilize their own data

Day Zero Diagnostics, Boston, MA https://www.dayzerodiagnostics.com
Bioinformatician July 2023 - Feb 2024
Associate Bioinformatician/Data Engineer July 2021 - July 2023

- Developed *Microhmdb*: bioinformatics pipelines for the ingestion, processing, and curation of whole genome sequencing data with associated antibiotic susceptibility testing metadata
- Built short and long read pipelines for predicting Antibiotic Resistance and detecting Nosocomial Infections
- Designed and developed end to end research projects to further the knowledge base of the company mostly related to improving the WGS sample quality control and the robustness of species detection

Myriad Genetics, San Francisco, CA https://myriad.com
Software Engineer (Intern) May 2020 - Jan 2021

- Architected an LLM-based tool to extract high quality studies from scientific literature with the goal of confirming putative Gene-Disease Associations

Buffalo Automation, Buffalo, NY https://www.buffaloautomation.ai
Software Engineer (Intern) June 2018 - Dec 2020

- Architected Machine Vision systems for autonomous marine vessel navigation
- Crafted lidar point cloud processing systems for close-quarters autonomous marine vessel navigation using both Velodyne and Ouster lidars

Poligora
Co-founder and CTO May 2017 - Dec 2017

- Used cutting-edge NLP tools to quantify and minimize media bias exposure

EDUCATION

Bachelors of Science, Biomedical Engineering - CS minor Sep 2017 - May 2021
University of Virginia, Charlottesville, VA GPA: 3.87/4.00

Capstone Project Jan 2021 - May 2021
UVA BME Capstone Project, Charlottesville, VA https://github.com/cparish312/asd_diagnosis_fmri

- Pioneered the use of Transformers for training foundational fMRI models with the goal of improving classification performance on the ABIDE (Autism Spectrum Disorder) datasets

Skills

- Python, Nextflow, Bioinformatics, WGS, Machine Learning, Vision ML, LLMs, OpenCV, C++, MatLab, ROS, Natural Language Processing, cloud computing, Kotlin, and Java