

TUCKER PARON

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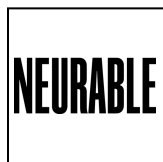
Data scientist and ML Engineer specializing in healthcare, machine learning, and regulated data systems. Experience across pre-seed, seed, and Series A health tech companies spanning medical diagnostics, consumer neurotech, and nutritional oncology.

EXPERIENCE



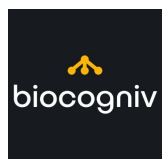
Technical Lead [contract] | NuOnc | January 2026 to March 2026

- Built full web- and mobile- app infrastructure, including backend (Supabase, PostgreSQL, and Deno) , frontend (React, TypeScript, Vite, Tailwind, etc.) and integrations (OpenAI API and KetoMojo API) enabling metabolic insights for oncology patients.
- Ensured software compliance with [current FDA guidance on wellness devices](#) and data storage alignment with HIPAA guidelines.
- Documented all design decisions and maintained changelog to form scaffolding for QMS.



Machine Learning Engineer [contract] | Neurable | August 2025 to February 2026

- Developed EEG signal processing pipelines (FFT, FIR/IIR, feature extraction) and built models for novel brain metrics (e.g., cognitive speed, brain age).
- Worked directly with CEO and Lead ML Engineer to prototype a Large Brain Model using autoencoder, transformer, and supervised ML. Led project management and worked with Lead ML Engineer on implementation.
- Built a suite of internal applications with Python to showcase the utility of our non-invasive brain computer interface for investors and potential partners/customers. Used GitHub Actions, briefcase, AWS OICD, and uv to package and version applications.



Data Scientist | Biocogniv | May 2023 to July 2025

- Designed and maintained internal company database processing 300M+ healthcare records, implementing ETL pipelines with dbt, SQL, and Python to harmonize clinical data into Google Cloud Storage, operating within HIPAA- and SOC 2-controlled environments. Utilized Docker to containerize data pipelines for reproducible execution and Terraform to support infrastructure and IAM configuration.
- Collaborated with clinical and engineering teams to define logic for derived clinical endpoints for sepsis, AKI, and other conditions.
- Regularly produced analyses used to inform FDA communications and submissions.



Student Athlete & Data Analyst | Univ. of Vermont Men's Soccer | March 2021 to May 2024

- Walk-on student athlete at 2024 D1 National Champions University of Vermont Men's Soccer.
- Served as team data analyst for four seasons creating and presenting statistical reports to team and staff.
- 2024 Hal Greig Award for “the player who, through his desire, hustle and love for the game, does the most for the Vermont Men's Soccer program”.



Data Scientist [contract] | San Antonio Spurs | June 2022 to January 2023

- Built ticket sales forecasting model used to inform marketing, parking, and concessions decisions. Used geographic, purchase history, and game information as primary model inputs.
- Presented forecasting reports to the ticketing team to inform price setting.

EDUCATION



MS Complex Systems & Data Science | Univ. of Vermont | January 2023 to December 2023

- Earned Master's of Science while playing Division 1 Soccer and interning at medtech start-up (Biocogniv) through the 1-year Accelerated Master's Program at UVM's Vermont Complex Systems Center.
- Published several pre-prints including: a Twitter data analysis of political sentiment in the 2020 Election, using over one thousand days of wearable data to analyze the impact of lifestyle interventions on physiological anxiety, and an agent-based model of crowd dynamics in emergency situations.
- Graduate TA for CS204 Database Systems (Lead) and CS021 Computer Programming I.



BS Data Science | Univ. of Vermont | August 2019 to December 2022

- Founded the Sports Analytics Club, captained the Men's Club Soccer team and was a member of the Honors College, Boulder Society (oldest honor society of its kind in the United States), and the Data Science Club.
- Minored in Computer Science and Mathematics.

PROJECTS



The Walk-On Way Podcast | August 2024 to Present

- Showcases stories of character, effort, and resilience to promote a controllables-focused mindset and reinstall a sense of agency and reduce anxiety in young people.
- 13 episodes generating 50k+ views across platforms.



Best.XI | July 2025 to Present

- Recruiting and line-up selection software designed to supplement college soccer coaching decisions. Annual subscription model serving men's and women's NCAA Division 1 programs.
- Developed and sold door-to-door.

SKILLS: Python, SQL, Machine Learning, Project Management, Data Engineering (dbt), Regulated Data Systems (HIPAA, SOC 2, FDA)