Jude Delparte

Following the completion of studies in neuroscience and biology, I spent fourteen years researching secondary complications following spinal cord injury.

judedelparte.com · linkedin.com/in/jude-delparte-92554021 · github.com/fakeneuron · orcid.org/0000-0002-4541-7534 · scholar.google.com/citations?user=aUHWQzUAAAAJ

Open to: Clinical research coordinator and associate roles, AI product and software roles, and work that brings neurotech and AI into clinical research. Toronto, hybrid or remote.

Languages: English (native) and French (fluent).

Currently: I build AI-assisted tools at fakeneuron, and I am looking to return to clinical research.

Profile

What I build tends to grow out of my work in spinal cord injury research and construction. ADPpro helps Ontario healthcare providers match ADP-funded wheelchair seating and mobility products to a patient's measurements. SCI Phoenix gives people living with spinal cord injury a free library of evidence-based guides. Bidviz gathers Ontario construction tenders into one dashboard, and Banana Peel helps supervisors spot hazards and file safety forms from the jobsite. Alongside those are a few personal tools: a trading bot, a 3D market chart, and a macOS menu bar app that cleans up stray processes. I build with coding agents such as Claude Code, Codex, Cursor, and Grok Build, and I wrote Flaitron, an open-source planning workflow, to keep that work disciplined. The stack is usually React and TypeScript, with Python and FastAPI behind and tests in Vitest, pytest, and Playwright.

Experience

Founder, Developer 2025-05–

fakeneuron.com

- Builds with Claude Code, Codex, Cursor, and Grok Build. Each project has a card below.
- sciphoenix.com, free evidence-based guides that help people with spinal cord injury manage secondary complications and everyday challenges.

Clinical Research Associate, Spinal Cord Rehabilitation Program 2011–2022-01

Lyndhurst Centre, Toronto Rehab, University Health Network

- Built the SCI-PreSORS screen by logistic regression on data from more than 800 patient charts.
- Site-team member and data analyst for the SCI Knowledge Mobilization Network, which used an implementation-science framework to put pressure-injury, pain, and bladder best practices into six Canadian rehabilitation hospitals.
- Ran study analyses in SPSS and SAS and summarized the results for posters, talks, and papers.
- Ran literature reviews, and co-wrote and edited manuscripts for peer-reviewed journals.
- Project-managed and edited Spinal Cord Essentials, patient and family education handouts by more than fifty staff writers, and built its multilingual website.
- Drafted grants, study protocols, research ethics applications, and progress reports, and corresponded with the research ethics board.
- Designed and presented posters and talks at international conferences.

Statistics Tutor 2010

Self-employed

- Tutored one student through about ten sessions of Advanced Placement statistics.

Clinical Research Coordinator, Spinal Cord Rehabilitation Program 2007–2011

Lyndhurst Centre, Toronto Rehab, University Health Network

- Designed and presented posters and talks at international conferences.

Job Coach 2006–2007
Placement Centre, Laurentian University

- Wrote a student handbook, The University Student's Guide to Employment.

Supply Teacher 2006–2007
Sudbury Catholic District School Board

Student Researcher, Behavioural Neuroscience 2002–2007
Laurentian University

- Wrote weekly reports on new analyses and designs, and presented them to the lab's students, assistants, and researchers for critique.
- Analyzed lab data with ANOVA, regression, and t-tests, and advised other students on which methods fit their data.
- M.Sc. thesis on magnetic-field correlates of sudden infant death syndrome, using cluster, factor, and discriminant analyses of 679 cases.

Teaching Assistant 2002–2007
Department of Biology, Laurentian University

Site Representative / Site Supervisor 2025–
Primary Construction Incorporated

Labourer 2022–2023
RCT Renovation Collective

Home Renovation and Maintenance 2011–
Self-employed

Software projects

Flaitron Live
Flaitron is a lightweight, agent-neutral tasknote workflow for solo AI-assisted coding — one markdown plan, four-phase tasknotes, no scripts or database.
Markdown, TypeScript, React
Portal: fakeneuron.com/flaitron Repository: github.com/fakeneuron/flaitron

SCI Phoenix Live
SciPhoenix is a free, evidence-based guide library helping people with spinal cord injuries manage secondary complications and everyday challenges.
Astro, Tailwind CSS
Live site: sciphoenix.com

Bidviz Beta
bidviz aggregates public and semi-public Ontario construction bidding opportunities from 100+ sources into one fast, filterable dashboard.
React, TypeScript, FastAPI, Neon
Live site: bidviz.ca

blastimage Beta
A local app for generating, reviewing, and iterating batches of AI images for a website, then exporting the keepers with full provenance.
Next.js, React, TypeScript
Repository: github.com/fakeneuron/blastimage

pidlyse Beta
A native macOS menu bar app that surfaces stray and zombie processes and lets you kill them safely with one click.
Swift, SwiftUI
Portal: fakeneuron.com/pidlyse Repository: github.com/fakeneuron/pidlyse

ADPpro — Private beta

A wheelchair seating and mobility finder that matches Ontario ADP-funded products to patient measurements, built for Ontario healthcare providers.

React, JavaScript, Vite

Live site: adppro.ca

InvisiPaw — Private beta

A Polymarket trading bot that reads Chainlink on-chain Bitcoin price feeds every five minutes to generate signals and execute paper or live trades.

Python, FastAPI, React, TypeScript

Portal: fakeneuron.com/invisipaw

caobunga — Private beta

A multi-project orchestrator that picks each Flaitron repo's next task, runs it in a fresh coding-CLI session, and records what committed.

Python, FastAPI, React, TypeScript

Banana Peel — Private alpha

A mobile-first health-and-safety platform that helps commercial-construction site supervisors identify hazards and file safety forms from the jobsite.

React, TypeScript, Hono, Neon

Live site: bananapeel.ca

neromercato — Private alpha

A personal dropshipping intelligence layer that weighs unit economics against Amazon reality before you commit spend.

React, TypeScript, Vite

wandora — Private alpha

wandora connects Hermes Agent to an Obsidian vault, so captures sent from Telegram get filed, linked, and reviewed without manual upkeep.

Python, FastAPI, React, TypeScript

3pnf Studio — In development

A production cockpit and structured wiki that lets a single creator drive scene-by-scene AI video generation, from screenplay to finished clips.

React, TypeScript, FastAPI, SQLite

Mars Charts — In development

A new way to read financial charts

MarsCharts: a new way to read financial charts. Coming soon.

Live site: marscharts.com

Site Guy — In development

Local-first construction photo management — SiteGuy organizes jobsite photos into a searchable, report-ready database, right on your phone.

Next.js, React, Capacitor, SQLite

Live site: siteguyapp.com

Skills

Software development

Python, Swift, JavaScript, TypeScript, React, Astro, Next.js, Vite, HTML, CSS, Tailwind CSS, FastAPI, REST APIs, SQLite, PostgreSQL, Docker, Playwright, Vitest, pytest, ESLint, Ruff, Pyright, Web scraping, GitHub, GitHub Actions, Cloudflare, Neon, Supabase, WordPress, VS Code

AI-assisted development

Claude Code, Codex, Grok Build, Cursor, LLM-assisted programming, Context window management

Education

M.Sc. Biology 2005–2007
Laurentian University

B.Sc. Behavioural Neuroscience 1999–2004
Laurentian University

Publications

17 peer-reviewed journal articles, 2007–2022
Full list: judedelparte.com/publications