

# Matthew J. Galvin

Test-driven, functional programming, open source contributor by day  
MS Computer Science graduate student by night

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## INVENTIONS

Nerves-powered device for intelligent control of power in data centers, security focused. Comms via SNMP, Modbus TCP, IPMI. ZMQ, GPIO, I<sup>2</sup>C.

5,000+ units sold

## EXPERIENCE

**Erlang Solutions Ltd, Remote** *Senior Software Engineer*

AUGUST 2022 - PRESENT

Elixir, Nerves (Embedded Elixir), AWS, Docker, ExUnit, Make, Helm, K8s

**Cato Digital, Remote** *Senior Software Engineer*

MARCH 2021 - AUGUST 2022

Elixir, Nerves, Erlang, ZeroMQ, PostgreSQL, AWS, Docker, ExUnit, ZMQ

**RevZilla, Remote** *Software Engineer*

FEBRUARY 2020 - MARCH 2021

Elixir, PostgreSQL, GCP, Docker, ExUnit, PropEr (property-based testing)

**DockYard Inc, Remote** *Software Engineer*

MARCH 2018 - FEBRUARY 2020

Elixir, Ruby, Rails, PostgreSQL, Ember, RSpec, QUnit

**EndPoint Corp, Remote & NYC** *Software Engineer*

MAY 2013 - MARCH 2018

Ruby, Rails, PostgreSQL, React, VueJs, Angular, RSpec, Minitest

**Lau Trading Group LLC, NYC** *Electronic Trader*

OCTOBER 2011 - JUNE 2012

Traded/programmed on Orc, Wintech and other trading platforms

**Prime International Trading, NYC** *Floor Trader*

JANUARY 2008 - OCTOBER 2011

Traded gold and silver options/futures, specialized in volatility arbitrage

## SELECTED OPEN SOURCE

**Elixir-Lang**  
PR1560  
Commit SHA 729ba

**Nerves**  
PR222  
Commit SHA 91f5e

**Elixir-SNMP**  
PR 21  
Commit SHA 33579

**FWUP**  
PR 186  
Commit SHA 9e2d9

**ST7735 Elixir**  
Author

**Harvard University's Corpus Builder Ruby Client Gem**  
Author

## AWARDS

**Summa Cum Laude, GPA 3.9**  
Temple University

**Real Estate Award,**  
Temple University

## EDUCATION

**Drexel University, Phila, PA.**  
Master of Computer Science  
Expected graduation 2025

**Drexel University, Phila, PA.**  
Post-bacc C.Sci Certificate  
CS minor equivalent GPA 4.0

**Temple University, Phila, PA.**  
Finance & Real Estate, Double  
Summa cum laude, GPA 3.9