

# Christopher “Chris” Galvez

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## Professional Summary

Software QA / Software Engineer with strong foundations in Python, SQL, Git, and databases, and over 1 year of professional experience training and evaluating AI systems, complemented by 20+ years of leadership across technical operations, project management, and construction environments. Experienced in software testing, debugging, structured data evaluation, and building reliable, maintainable code, with a pragmatic, detail-oriented approach shaped by real-world delivery and accountability.

## Technical Skills

- **Languages & Tools:** Python, SQL, JavaScript (*expanding into TypeScript*), Git, GitHub, Bash, JSON, HTML, CSS
- **Databases:** PostgreSQL, MongoDB
- **Frameworks/Libraries:** Node.js, React (*in progress*)
- **Concepts:** QA Testing, Test Cases, Debugging, Defect Tracking, Data Structures, Algorithms
- **Software:** AutoCAD, Excel, Google Sheets, QuickBooks, VS Code

## Technical Certificates

- Advanced Python 3 — Codecademy
- Computer Science Career Path — Codecademy
- Data Engineer Career Path — Codecademy
- Software Engineering for Data Scientists — Codecademy
- Git & GitHub, Command Line, MongoDB — Codecademy
- Drafting Essentials Skills — Sierra College

## Projects

### Crypto Investment Tracker (Python + Excel) | GitHub

- Automated import of live exchange rates from Coinbase/Kraken APIs
- Compared user buy history against real-time market data for profit/loss insights
- Built reusable Excel + Python workflow for offline tracking and reporting

### Binary Conversion & Logic Tools (Python)

- Developed functions for base conversions (binary/octal/hex)
- Created truth tables (XOR, NAND) to reinforce discrete math foundations

### Database Design Project (PostgreSQL + pgAdmin4)

- Designed ER diagrams and implemented relational schema
- Wrote and tested SQL queries for data modeling

### Full-Stack Development Projects (Ongoing)

- Completed Node.js modules; building React/JSX features
- Delivered HTML & CSS projects (beginner & intermediate levels)

## AI & Technical Work Experience

### Digital Annotation Expert — Mercor (*Remote*) | \*Nov 2025 – Jan 2026

- Worked remotely and asynchronously in the Artificial Intelligence industry.

## **AI Trainer — Data Annotation Tech (*Remote*) | \*Oct 2023 – Sep 2025**

- Designed and tested advanced prompts for LLMs
- Evaluated chatbot conversations and goal-oriented dialogues
- Created and reviewed JSON-formatted data structures
- Assessed AI output for story accuracy, infographic integrity, transcription, and Excel formulas
- Evaluated AI image recognition responses for factual accuracy
- Worked independently under a 1099 contract, managing workload and taxes

## **Construction & Management Experience**

Hands-on leadership roles providing long-term experience in planning, execution, technical documentation, and team supervision.

### **General Contractor / Owner | Valiant General Contracting, Penn Valley, CA | *Dec 2010 – Apr 2021***

- Managed full-scale residential and light commercial projects
- Drafted AutoCAD designs and submitted engineered plans for permitting
- Supervised crews of up to 8; ensured compliance with payroll, insurance, and legal requirements
- Performed carpentry, plumbing, electrical, roofing, and remodeling

### **Carpenter Foreman — Carter Kelly Inc.**

- Led crews on residential and commercial construction projects
- Coordinated schedules, materials, and quality control

### **AutoCAD Drafter — Archoustics West**

- Produced technical drawings and layouts using AutoCAD
- Supported engineers and project managers with accurate documentation

## **Education**

### **Codecademy | Online**

- **Computer Science Career Path** — Certificate Earned
- **Data Engineer Career Path** — Certificate Earned
- **Learn Advanced Python 3** — Certificate Earned
- **Learn Git & GitHub** — Certificate Earned
- **Learn the Command Line** — Certificate Earned
- **Learn Data Analysis with Pandas** — Certificate Earned
- **Software Engineering for Data Scientists** — Certificate Earned
- **Machine Learning / AI Engineer Career Path** — In Progress
- **Full-Stack Engineer Career Path** — In Progress

**Certificates Repository:** [cg112358/certificates](https://github.com/cg112358/certificates)

### **Sierra College — Rocklin, CA**

- Construction Management Coursework (2006–2010)
- Transitioned from internship to technical drafting hire