Patrick Kellogg

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* TS/SCI (Top secret security clearance / sensitive compartmented information)
* Twenty years as a professional computer consultant
* Programming lead on several projects
* Taught university classes on algorithms and software methodology

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| --- | --- | --- | --- | --- |
| Operating Systems | Languages | Databases | Miscellaneous | Web |
| Windows | Python | SQL | DSP | HTML / XML |
| UNIX | Java | Oracle | Neural Networks | CSS |
| Linux | R / MATLAB | MySQL | Genetic Algorithms | WordPress |
| iOS | Microsoft VB / VBA | Microsoft SQL Server | GitHub | V & V / Testing |
| macOS | C / C++ / C# | Microsoft Access | JIRA / ServiceNow | Databricks |
| AWS / Azure | C# | PostgreSQL | ETL | Django |

Education:

Bachelor of Science in Electrical Engineering/ Minor in CS from the University of Minnesota 1992

Master's Degree in Computer Science from the University of Colorado at Boulder GPA = 3.8 2001

Apex Technical School year-long electrician program2012- 2013

General Assembly Bootcamp 6-month Data Science Bootcamp2015

NYCDA (New York Coding + Design Academy) Web Development Bootcamp2018

Employment

# **Novantas/Curinos** | http://www.curinos.com 2018 - 2023

*Senior Data Engineer*

Created secure pipelines for large-scale financial data to custom ETL solution

# **Western Governors University** | http://www.wgu.edu 2017 - 2018

*Subject Matter Expert (SME)*

Developed curriculum for a new class on Advanced SQL

**UBS AG Financial Services** | New York, NY 2010

*Financial Programmer*

Converted bond tranche information from Excel to MATLAB and R

# **Lockheed Martin** | Washington D.C. 2004 - 2010

*Government Contractor*

QA for digital signals from satellite systems. Wrote Java code for drone flight paths. Program oversight for GAO

# **Consulting (Keane NTT, Interlink Group, Patrick Kellogg Consulting)** | Denver, Colorado 1992 - 2004

*Programmer*

* **Pulte Mortgage**

Integration of acquired accounting systems written in C, C++, C#, VB, and Excel

* **CCAMP** (Colorado Center for Altitude Medicine and Physiology)

.NET Program to analyze hypoxia (altitude sickness)

* **Optibrand**

Genetic algorithm in Java to search MySQL database for cow retinas

* **USGS** (Earthquake Hazards Program at the United States Geological Survey)

Visual C++ middleware to transfer scientific data on earthquakes

* **Manning Publications**

Book development for “The Accidental Programmer Series” on algorithms

* **The Santa Fe Institute** (Bios Group, Inc)

Pre-eminent research center monetizing multi-dimensional decision support system using Java and MATLAB

* **USWest/Qwest**

Engineering tools to prevent RF burns from antenna arrays

* **NCAR** (National Center for Atmospheric Research)

Master’s research on the distribution of large amounts of solar physics data using C, XML, and Perl

Also: Copper Mountain Ski Resort, Corporate Express, Rocky Mountain Poison Control, Intelligent Electronics, DataCard, Coors Brewing Company, Micromedex, Current Checks and Stationary, Public Service (Xcel Energy), Colorado Medical Consultants