

**Stephen Gornick**  
**Minneapolis, MN**  
**(310) 356-9912**  
**sgornick@gmail.com**

## Overview

I'm an experienced technology professional with broad experience ranging from software development and consulting to technical support.

## Technical Summary

Programming Languages: Python (Flask), Javascript  
Data Wrangling: Pandas, Jupyter, Plotly, Highcharts, SQL, XPath  
Database Administration: MySQL, MS SQL Server, Oracle

## Experience

- Aug 2017 – Present Self employed, Minneapolis, MN  
Project: **2XPlor** (Free/open source software)
- Develop blockchain transaction dashboard (Python, Flask, Javascript)
- Projects: **Various**
- Develop stock options market analysis tool (Python, Numpy, Openpyxl)
  - Migrate MS Access databases (using SSMA) to Azure SQL Server back-end.
  - Research, analysis and advise multiple blockchain and cryptocurrency endeavors.
- Jun 2016 – Jul 2017 Self employed, El Segundo, CA  
Project: **DebtToThePenny.com** (Free/open source software)
- Built web site and chart providing a visual way to see the national debt.
  - Develop web application (Python, Flask, Javascript, Highcharts/stock).
- Projects: **Various** (Free/open source software)
- Bitcoin Fee Breakdown (Pandas, Plotly), on [GitLab.com/sgornick](https://gitlab.com/sgornick)
  - Crypto Turnover (Javascript, Plotly) on [GitHub.com/sgornick](https://github.com/sgornick)
  - LA Cty Restaurant Inspections (Pandas, Seaborn), in [GitHub.com/pubdata](https://github.com/pubdata) with presentation on [Medium.com/@sgornick](https://medium.com/@sgornick)
  - Satoshiium.org, assisted with editing whitepaper.
  - Client A: Scrape e-commerce site (Scrapy) and populate database on P2P marketplace OpenBazaar, see obscrate project in [GitHub.com/sgornick](https://github.com/sgornick)
- Project: **Blourt**
- Built Blourt.com – a mobile alternative to radio news. Manage product lifecycle from inception to proof-of-concept/alpha release.
  - Develop UI, data models (SQLite) and web application (Python, Flask).
- Feb 2016 – May 2016 **Midori Services**, Palmdale, CA  
IT Help Desk Support Operator
- Provide L1 technical support to consumers of retail tech vendor.
- Nov 2010 – Feb 2016 **Bitcoin Venture** (self employed), El Segundo, CA, and Nairobi, Kenya  
Writer, Publisher, Founder
- Track and report on developments occurring with the fledgling open source digital currency project Bitcoin. Operated multiple content sites.
  - Active with strategy, business development, and customer service for the project itself and for various clients in the Bitcoin ecosystem.
  - Research mobile money implementation in developing country, identify areas in which digital currency can improve on existing practices.

## **Stephen Gornick**

- Build community on social networks, particularly on Twitter and Reddit.
- Contribute extensively to the project's Wiki, forum messaging, & Q&A site.

- Jan 2008 – Oct 2013 **digiCoast** (self employed), El Segundo, CA  
Software Developer and Consulting (Contract)
- Build Django and Drupal-based websites, static websites, PayPal transaction integration, Python utility scripts, PDF utility scripts
  - Build, install and operate an alpha prototype for open source wireless mesh networking initiative (Free Network Foundation).
  - Research, analysis and proof of concept development of new ventures.
  - Remote system administration for hosted web site clients
  - On-site technical work at client sites (hardware and software support, networking and wireless installation and support, configuration management, availability monitoring)
- Oct 2006 – Apr 2007 **VirtualTourist.com**, Manhattan Beach, CA  
Software Developer/Development DBA (Contract)
- Developed method for converting data from legacy schema to new architecture, which also involved the migration from MySQL 4.x to 5.0.
  - Developed MySQL queries & stored procedures, build scripts & shell scripts.
  - Benchmarked performance and optimized to meet migration window requirements.
  - Analyzed query execution plans, benchmarked tuning scenarios, composed ER Diagrams, wrote and maintained backup and replication scripts.
- Mar 2004 – Apr 2006 **Los Angeles Unified School District**, Los Angeles, CA  
Software Developer/Development DBA (Contract)
- Developed, administered and successfully delivered custom configuration mgmt app using WISP stack (Windows, IIS, MS SQL Server 2000, and PHP).
  - Introduced ITIL concepts and implemented IT Service Mgmt practices.
- Oct 2000 – Feb 2002 **Tornado Development**, El Segundo, CA  
Team Lead - Developer Support
- Performed UNIX (Solaris) system administration and Oracle 8i database administration for all internal development.
  - Provided support to production DBAs and development partners located around the world.
- Oct 1996 - Dec 1998 **Oracle Corporation**, El Segundo, CA  
Senior Consultant
- Provided database development and administration to clients of company's core consulting division.
  - Performed storage system benchmarking, developed import, export, backup and restore scripts as well as coded extensively in PL/SQL.

## **Education**

- 1993 Graduate courses taken towards MSDD/University of St. Thomas, St. Paul, MN  
1992 Bachelor of Science/University of Wisconsin-River Falls