DANIEL NEPHIN

Toronto, Canada   416 460 0573   danielnephin.net   dnephin@gmail.com   github.com/dnephin

Passionate about software engineering, open source technology, automation, and mentoring.

Open Source

Core contributor and maintainer:

- Docker - the open-source application container engine
- Docker Compose - define and run complex applications using Docker
- Gometalinter - run Go lint tools concurrently and normalise their output
- Dobi - a build automation tool for Docker applications
- PyStaticConfiguration - python configuration library

Frequent contributor to various open source projects: yelp/docker-custodian, go-swagger, julian/jsonschema, yelp/tron, tradeschool, yelp/testify, spf13/cobra, yelp/swagger-py, and many others

Talks

- Developing with Docker - at Toronto Docker Meetup
- Fig Demo - at Docker Global Hack Day - SF
- PyStaticConfiguration - at edmonton.py
- Python web frameworks - at edmonton.py
- Profiling python - at edmonton.py
- Itertools - at edmonton.py

Experience

Docker Inc   2015-current

Computer Systems Analyst - Core

- core contributor and maintainer of Docker (Engine)
- core contributor and maintainer of Docker Compose

Yelp Inc   2011-2015

Software Engineer - Infrastructure

- design of service oriented architecture platform
- design of automated testing and continuous deployment systems
- performance analysis and optimization of web stack
- design and analysis of web scraper detection system
- large scale data processing using MapReduce on Amazon EMR
- and so much more...

Leadership

- recruiting: interviews, phone screening, code tests, and résumé screening
- mentoring of interns and junior engineers
- support developers in debugging production issues, and software design

Yellow Pages Group   2010-2011

Telus Consultant: Computer Systems Analyst

- re-architecture of legacy systems and web sites
- performance analysis, testing, and optimization of web services
- technical lead for business reporting systems
- PHP, Python, Java, Groovy

Perzoot (perzoot.com)   2010-2011

Co-Founder / Software Engineer / Software Architect

Perzoot was a job posting aggregator. A web application using Django and JQuery on Apache, multi-threaded web scrapers, PostgreSQL database, and Solr search.

Mate1.com Inc   2007-2010

Technical Lead (previous roles: Software Engineer and Quality Assurance Specialist)

- requirements gathering, analysis, cost estimation and planning of projects
- technical advisor to senior management
- architecture and design of customer facing email system responsible for large portion of revenue
- operations and maintenance of production systems
- design and optimization of database layer, including schema design and query performance
- Java, Jython, Perl, Actionscript, Mysql

Football Canada Online Database Project   2006-2007

Software Analyst and Developer

SkilsPlus Training   2000-2004

Contractor: Web Developer

Education

Computer Engineering Technology - Computing Science, 3 year Diploma, Algonquin College, Ottawa, 2007