

Derek Frank

Junior Software Developer

Permanent Address (*Willing to relocate*)

3542 Via Dolce

Marina Del Rey, CA 90292

Cell: (310) - 707 - 5195

E-Mail: derekmfrank@gmail.com

Portfolio: derekmfrank.com/portfolio/

GitHub: github.com/dmfrank

BitBucket: bitbucket.org/dmfrank

Technical Proficiency:

- Linux systems administration including Bash scripting.
- **Computer Networks:** Knowledgeable in computing networks (TCP/IP) and socket implementation.
- Experienced in machine learning, compiler design, and operating system design.

Projects:

DerekMFrank.com (2013): A dynamic website to host a portfolio, blog, and other personal information.

Python2, Django1.4, HTML5, CSS, SQLite3.

GuardianCage.com (2013): A dynamic website for the company Guardian Cage. *Python2, Django1.4, HTML5, CSS, MySQL.*

Trumur.com (2013): A dynamic social website. *Python2, Django1.4, HTML5, CSS, MySQL.*

Languages: [*Proficient*] C, C++, Java, Common Lisp, Python; [*Prior Experience*] Scheme, Perl, Lua, OCaml, Prolog

Technologies: Django, MVC, MySQL, SQLite, HTML/CSS, Octave, Matlab, Vim, Emacs, Git, Microsoft Office

Operating Systems: Linux/Unix, Mac OS X, Windows

Professional Strengths:

- **Self-starter:** Take initiative, eager and willing to learn, and creative problem solver.
- Strong background in applied mathematics and general physics.
- Quick learner and able to apply new concepts quickly.
- Great work ethic, great interaction with others, and have excellent leadership.

Education:

University of California, Santa Cruz

Sep 2008 – August 2012

Bachelor of Science Degree with major in Computer Science

Courses Taken Include:

Artificial Intelligence	Operating Systems	Fundamentals of Compiler Design
Advanced Programming	Computer Networks	Computational Models
Computer Architecture	Computational Methods	Comparative Programming Languages

Course Projects Include:

Compiler (2011): A compiler for a C-style minimal language. *C, Flex* (fast lexical analyzer generator), *Bison*.

Game Agent (2012): A game agent for a game called Rock-Paper-Scissor Safari with implementation of machine learning. *Common Lisp*.

Shell (2012): A minimal Bourne-like shell. *C*.

Experience:

Independent Freelancer, Marina Del Rey, CA

January 2013 – Present

Junior Web Developer and Designer

Taking initiative to learn and freelance web development.

Picking up many technologies including: Python/Django, HTML, CSS, MySQL, SQLite, Javascript.

General Employment, Woodland Hills, CA

August 2011 – September 2011

Administrative Assistant

- Provided web advertisement and recruitment with use of HTML.
- Maintained and organized computer database files along with hard copies.
- Created spreadsheets in Excel.

RMD Group Inc., Los Angeles, CA

July 2009 – August 2009

Product Specialist

- Promoted FORD brand vehicles to the general public.
- Direct marketing
- Event marketing

Albertsons, Marina del Rey, CA

Mar 2008 – Sep 2008

Courtesy Clerk

- Interacted with and provided service for customers to improve overall customer satisfaction.
- Maintained store.

Hollister Co., Los Angeles, CA

Sep 2007 – Mar 2008

Sales Representative

- Interacted with customers to improve overall customer satisfaction.
- Acquired sales promotion techniques.
- Handled store transactions.
- Maintained store appearance.