

Derek Frank

Junior 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, MySQL, SQLite, HTML/CSS, Octave, MATLAB, Vim, Emacs, Microsoft Office

Operating Systems: Linux/Unix, Mac OS X

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 – June 2012

Bachelor of Science Degree in Computer Science (School of Engineering)

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:

Derek Frank Website Freelance, Marina Del Rey, CA

January 2013 – Present

Junior Web Developer

Taking initiative to learn and free lance 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.