

DEVELOPER

# JACK HAMILTON

## SUMMARY

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Former DevOps excited about software development for applications and systems. Seeking positions in the world of JavaScript, Python, Elixir, Java, C++, embedded C or similar. Desire to focus on programming roles starting as Software Engineer I or II or those leading to such positions.

## CONTACT

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- Cell: 619-471-5192
- Google Voice: 619-630-5225
- <http://www.jackhamilton.net/projects.html>
- <https://github.com/jacklh9>
- LATEST RESUME(S) CAN BE FOUND @ <http://www.jackhamilton.net/resume.html>
- ADDITIONAL WORK-EXPERIENCE DETAILED @ <https://linkedin.com/in/jacklhamilton>

## PROGRAMMING SKILLS

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### PROGRAMMING LANGUAGES:

- Ruby
- JavaScript
- Python
- CSS/HTML
- Elixir
- Perl
- Java
- C
- C++
- UNIX shell scripting

### SOURCE CODE REPOSITORIES:

- git (github)
- MKS Integrity (Enterprise)

### DATABASE EXPERIENCE:

CRUD to:

- PostgreSQL
- Microsoft SQL Server
- MySQL
- Ingres

- Informix
- CSV flat-file “databases”
- MongoDB

## PROGRAMMING EXPERIENCE

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### Self-Study

San Diego, CA  
June 2016 – Present

- Self-study online course-work in Elixir, Python, and JavaScript.

### Dev Bootcamp Student

San Diego, CA  
Dec 2015 – May 2016

- 1000+ hours coding in 19 week fully immersive programming boot camp.
- Object-Oriented Programming and RESTful web development using Ruby on Rails, Active Record, JavaScript/jQuery and JavaScript Loopback framework.
- Deployed to Heroku cloud servers.

### Mitsubishi UFJ Financial Group Sr Software Developer/Analyst

San Diego, CA  
Oct 2005 to Apr 2016

- Designed and implemented Perl-based internal routing software for check processing department which routed inbound and outbound data files between 200+ clients with over \$1B in daily check images being electronically deposited.
- Authored HTML-based dashboard to monitor flow of data files with notifications alerting key staff when errors occurred.
- Created Perl-based report generator querying MS SQL databases for email delivery to external commercial clients as PDF or text attachment or in XML format via SFTP transmission of their daily deposit information.
- Created Perl-based Ansible-like program to automate weekly server health report using scalable XML-configurable files to automatically perform post-weekly reboot and post-patch validation across 200+ Windows (2K, 2K3, 2K8) servers.

**Syntricity**  
**UNIX Systems Support Engineer**

San Diego, CA  
Summer 2005

- Maintained existing UNIX shell & Python scripts.

**Memec**  
**Senior/Lead Tech Support Analyst**

San Diego, CA  
2002 to 2005

- Batch scripting for Windows desktop task automation.
- Creating and running SQL queries on Ingres for sales-support on ERP system.

**Southwestern College**  
**Computer Lab Technician & Tutor**

San Diego, CA  
1999 to 2000

- Tutored students in PC labs for C, C++, Java, and the UNIX OS classes.

## PROGRAMMING EDUCATION

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**Dev Bootcamp**  
**Student**

San Diego, CA  
Dec 2015 – May 2016

- See “Programming Experience” section above.

**Stanford University**  
**Student**

Palo Alto, CA  
1996 – 1999

- Covered OOP concepts, inheritance, adapters/interfaces, polymorphism, recursion, multi-threaded programming, implementing fundamental algorithms (e.g., sorts and searches) and data structures (stacks, queues, text scanners, dynamic arrays, hash tables / symbol tables, linked-lists).
- Languages used: C, C++, Java, Perl, Lisp