Mr. G. Allen Morris III
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Professional Objective

To work on difficult and interesting projects.

Computer Skills

Ruby, C, C++, YACC, PostgreSQL, Git, RAML, jsonschema, jsonapi, XML, XSD, XMPP, javascript, HTML 5, CSS 3, Redmine, Debugging, Cucumber.

System Administration Skills

Linux, UNIX, NFS, PERL, LVS, RAID, Pacemaker, BackerUp, Procmail, SMTP, SNMP.

Employment History

Software Architect
NantMoblie LLC (Sunnyvale, California)
January 2015–March 2016

Projects:
• Calio by iD Wellness Mobile Application

Achievements:
• Designed and wrote a C library to split food phrase using tries.
• Designed and wrote Kneser–Ney phrase scoring C library also also using tries.
• Designed ruby rack, RAML/JsonAPI API to Calio.
• Wrote ruby and python binding for the above C libraries.
• Used Zoom, Slack, Jira, Confluence and Bitbucket as development tools and to communicate with disperse development team.

Software Architect
Fluential LLC (Sunnyvale, California)
October 2011–January 2015

Projects:
• Calio Wellness Mobile Application
• Android based Natural Language Travel application

Achievements:
• Designed and wrote a class tagger for speech recognition in Ruby.
• Design of Food database, collecting and analyzing information about food.
• Setup Redmine and XMPP and OpenVPN for development tools for development team in 2 countries.
• Designed AMS redirector based system for rapid (EC2 startup time) load balancing system.
• Designed and built in ruby AWS instance tester and controller.

Consultant
SOLiD Inc.
January 2010–December 2014

Projects:
• Designed and build back-end for the dms1200 system using Perl, MySQL and C.
• Wrote SNMP Sub-agents.
• Extended dms1200 to monitor new HROU system.

Consultant

Gramcast LLC
2008

Projects:
• Wrote XMPP communications software.

Consultant

Anemone
2007

Projects:
• Wrote prototype software to check advertisement delivery using client based javascript, Flash parser and Perl code.

Consultant

Fluential LLC
October 2003–January 2010

Projects:
• Maintaining large farm of computers doing NLP processing

Software Consultant

Almond Hill Enterprises (Anaheim Hills, California)
November 2001–June 2012

Projects:
• Improve and maintain TurboSchedule Virtual Front Desk using MySQL and Pel.

Senior Software Engineer

Envisix Corporation (Santa Rosa, California)
November 1999–August 2002

Projects:
• Member of group that build Perl based website that used an Oracle Database.
• In charge of security and systems.

Programmer

Linux Code
1997–2000

Projects:
• Maintained the NFS Kernel server.

Senior Software Engineer

Entropic Corporation (Menlo Park, California)
February 1997–June 1998

Programmer

Santa Rosa Junior College
1997

Professional Societies

Association of Computer Machinery

Honors and Recognition

• **Who's Who in the West**, Marquis Who's Who, 1982

Security Clearances

• *Secret Clearance*, 1981

Miscellany

What can't be captured on a résumé is my sheer level of **enthusiasm** for compter programming.

Education

BS in EECS, August 1997
University of California

Overall GPA: 2.98

Subjects: CS 172 — Computability and Complexity (A), CS 162 — Programming Languages and Compilers (A), CS 252 — Graduate Computer Architecture (A).

Publications

- Sharlene Lui, Sean Doyle, Allen Morris, Farzad Ehsani. "The effect of fundamental frequency on Mandarin speech recognition.". *ICSLP*. January 1998. `http://www.isca-speech.org/archive/icslp_1998/i98_0847.html`.

Hobbies

- Bicycling. Life member League of American Wheelmen
- Flying. Private Pilot: Glider, Single Engine Land and Sea
- Sailing

References

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Tim Allwine Senior Software Engineer, O'Reilly and Associates *Email:* tallwine@oreilly.com	Occidental, California
Stuart Mailin Senior Software Architect, Prolexic Technologies *Email:* stuart@stuartmalin.com	Hollywood, Florida
Chip Laughton Vice President of Operations, SOLiD Technologies *Email:* chip.laughton@solid.com	Sunnyvale, California

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