ANTHONY GAROT

Phoenix, AZ

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SUMMARY

Software Architect/Lead Programmer/Project Manager for various companies including a nonprofit, software startup, and software consultancy. Project management and member management. Extensive application development including Agile methodologies and software best practices. Excellent requirements gathering skills. Clear communicator. Results oriented. Self-directed and generative thinker. Committed to professional growth.

TOOLBOX (ABRIDGED)

Programming Languages	c++, PHP, Python/Django, Java (Spring/Maven/Tomcat), C#.NET, ASP/VBScript, Perl, Visual Basic/VBA, bash scripting, wxWidgets, MQL5
Client Side	JavaScript native, jQuery, responsive CSS
Testing	CppUnit, PHPUnit, UNITTEST, JUnit
Caching	Memcache, Redis
Platforms	LAMP (CentOS, Fedora), MAMP, Microsoft IIS, MSYS
DevOps	Ansible, Rackspace Cloud, Linux command line
Databases	MySQL, Postgres, SQL*Server, SQLite3
Tools	Git/Bitbucket, TortoiseSVN, VirtualBox, Vagrant, Pivotal Tracker, Trello, BaseCamp 3, VIM
Membership	Raiser's Edge (RE7), Spark/NetCommunity, BBMS, MS Word merges
Misc	English proofreading, Photography, Adobe Lightroom & Photoshop, GIMP

PROFESSIONAL EXPERIENCE

Bat Conservation International — Membership Manager / Web Developer — Austin, TX (2015 to June 2016)

BCI is a nonprofit organization specializing in the conservation of bats and their habitats.

- **Membership Manager** role entailed managing 14 contribution programs that raised 1.7M per year in unrestricted funds. I supervised two people, set up and maintained the schedule, refined and documented every process, database administration in Raiser's Edge (RE7) & Spark/NetCommunity, and created the FY17 budget.

- **Web Developer** role entailed various software maintenance projects in Joomla, PHP, JavaScript, payment gateways, etc.

Whimbrel, L.L.C. — Architect, Lead Programmer — Austin, TX (2014 to 2015)

Whimbrel, L.L.C. is a start-up company specializing in digital asset management solutions. Role entailed many "hats."

- **Strategist** : Worked closely with executive management to define a desktop software product; frequent review with executive management of product, target market, pricing model, company direction, etc.

- **Project Manager** : Selected system for tracking product requirements; documented and sized user stories; assembled weekly metrics; reviewed weekly user story requirements, priorities, and scope with executive management. Reviewed completed user stories for completeness and usability.

- **Team Lead** : Interviewed, hired, and managed a team of software developers; led daily standup; removed impediments.

- **Architect** : Researched, selected, and documented toolset, libraries, and solution architecture for desktop software product. (wxWidgets, OpenCV, libjpeg-turbo, MinGW/MSYS) Ongoing technology integration research.
- **Programmer** : Created initial framework and prototype for c++ desktop application; ongoing feature development.

Garot Software Services — Independent Software Consultant — (1997 to present)

Experience providing complete, scalable, and sustainable software solutions for diverse clients/requirements including, but not limited to:

- Created and presented marketing prototype to potential investors of a Las Vegas startup company.
- Designed and implemented Intranet infrastructure for a Las Vegas startup company including networking, secure 64bit RAID1 "backup" server and subversion version control server.
- Migrated six separate Joomla domains & legacy systems to new web hosting provider. Migration was both seamless to end users and met required deadline.
- Devised methodology to detect and discover hacking artifacts on client web servers. **Result:** the total removal of undetected legacy vulnerabilities.
- Proposed and implemented, *Take Action!*, an online system to connect concerned citizens with their specific government representatives for critical conservation campaigns.
- Created e-commerce payment gateway library (Authorize.Net and PayPal) used by multiple applications. **Result:** minimal coding to add payment functionality for donations, membership, subscriptions, events, or simple product sales.
- Designed the "Decision Matrix Tool" for the *Abandoned Mine Closure Website* used by both public lands and private land owners to clarify mine closure scenarios, educate, and promote bat conservation.
- Revised article, "Bat Photography," originally written by world renown bat photographer Merlin Tuttle, to include recent trends in digital photography equipment.

Astonish Design — Director of Engineering — (2013)

- Answered directly to CEO.
- Member of "Traction" leadership team. Key contributor to organization branding, quarterly goals, and determination of core values.
- Created/Implemented monthly and annual Professional Development and Performance Appraisal strategy for software developers.
- Created/Implemented "Brown Bag" initiative for internal training and policy discussion/generation.
- Speaker at DrupalCon. **Topic:** A Novel, Lean, Sustainable Interpretation of Scrum.
- Involved in hiring/firing decisions. Interviewed over a dozen "second-round" developer candidates.
- Involved in long-term resource allocation.

Boys Town National Research Hospital — Research Computing Engineer — Omaha, NE (2004 to 2005)

- Mentored summer intern and monitored ASIO under Linux project.
- Developed the Auditory Research Sound Card (ARSC) ANSI C library used for synchronous auditory research projects. Library included ASIO protocol. **Result:** removed operating system induced latency issues resulting in synchronous operation.

Boole & Babbage, Inc. (now **BMC Software, Inc.**) — Product Support & Tasks Engineer — San Jose, CA (1995 to 1996)

- **Level 3—Special Products Developer** for software development of "Ensign NetWare & NT agents."

- Won the first ever "Star of the Quarter Award" excellence award.

- 8% salary increase after one year.

Greenbrier & Russel, Inc. (now **Fujitsu America**) — Software Developer — Brookfield, WI (1993 to 1995)

- Developed and coordinated a core set of PowerBuilder framework objects—the backbone for nine application developers within two separate Wisconsin state agencies. Framework was used to create front-end client/server applications to achieve the state's compulsory goal to eliminate an IBM mainframe within 1.5 years.

- Moderated the PowerBuilder Standards Committee for the State of Wisconsin Dept. of Public Instruction (DPI).

- 3% salary increase after six months.

E.D.S. (now HP Enterprise Services) — Novell and LAN Administrator — Warren, MI (1992 to 1993)

- **Novell Supervisor** for two NetWare 3.11 file servers hosting over 600 clients as well as three SAA Gateways for AS/400 connectivity.

PROFESSIONAL DEVELOPMENT

Courses & Certifications

- Certified ScrumMaster (**CSM**), #254896, May 2013 to present
- "Fundamentals of Project Management," Park University, August 2013
- "Project Management Workshop," Park University, August 2014
- "Austin Digital Project Management Workshop," Bureau of Digital Affairs, February, 2014
- "Project Management Workshop," Park University, December 2013
- "Project Management in Agile Projects," PMI-Southern Nevada Chapter, March 2013
- "Leadership, Team-building and Coaching Skills," Park University, May 2014
- "The Ultimate Supervisor," Park University, September 2013
- "Essential Skills for the First-Time Manager or Supervisor," Park University, August 2014
- "How to Communicate with Tact and Professionalism," Park University, August 2013
- "Creative Problem Solving and Strategic Thinking," Park University, September 2013
- "Managing Emotions Under Pressure," Park University, August 2014
- "Introduction to Appreciative Inquiry," Center for Appreciative Inquiry, June 2013
- "Business Writing for Results," Park University, September 2013
- "Grantseeking Basics for Nonprofits," Tucson, September 2007

Clubs

- Toastmasters International
  - Voice Links Toastmasters Club, Past Vice President Public Relations (VPPR), 2013

- ○ Voice Links Toastmasters Club, Contest Chair, Humorous speech competition, August 2013

INSTRUCTOR EXPERIENCE

- "Adobe Lightroom 3 Introduction," Naples, FL, 2011
- Introductory computer courses, SBCC Continuing Education, Santa Barbara, CA, 1997-1998

EDUCATION

- **MS**, Electrical Engineering, University of Wisconsin, Madison, 1992
- **BS**, Electrical Engineering, University of Wisconsin, Madison, 1990