NOAH GIFT

(415) 300-7069 | noah.gift@gmail.com | http://www.linkedin.com/in/noahgift

SUMMARY

I build teams, companies, products, software and revenue. In the last seven years, shipped > 10 new products at multiple companies that generated millions in new revenue, had global scale, and were on time and worked.

SPECIALTIES

Building Companies | Engineering Strategy | R&D | Web & Mobile & Desktop Development | P&L | Python | Statistics/R/Excel/Machine Learning/Data Science/AI | DevOps | VR & AR| Shipping New Products

EDUCATION

Master of Business Administration, Emphases: **Statistics/Analytics, General Management, 2013**
University of California, Davis, Graduate School of Management

Master of Science, Computer Information Systems, 2003
California State University, Los Angeles

Bachelor of Science, Nutritional Science, 1998
Cal Poly San Luis Obispo

CURRENT ENGINEERING LEADERSHIP EXPERIENCE

Consulting CTO/Cloud Architect/Machine Learning Architect, San Francisco, CA, July 2016 – Present
- Product Management/CTO Consulting GravityNav (SaaS: Shopify App)
- Cloud Architecture Consulting Uncorporeal (AWS: VR Company)
- CTO Consulting/Machine Learning Architect (Google Cloud:18 Birdies)
- Machine Learning Architecture Consulting (UC Davis Graduate Machine Learning Course)

CTO & GM SQOR, San Francisco, CA, July 2013 – July 2016
- Built Sqor from three initial employees to 80 & into social network with global scale, global athletes/brands: Brett Favre, Conor McGregor and FC Bayern, and millions in revenue.
- Created multiple production Machine Learning models and teams around them.
- Created 9 provisional patents in Machine Learning, IOT, and social network technology.

Head of Web Engineering, Linden Lab, San Francisco, CA May 2012 – July 2013
- 25 reports within four management teams: Hiring/Separations/Salary/Recruiting.
- Manage/architect several new web/mobile products/games: C#/Unity, Rails, Erlang
- Manage/architect web engineering on Second Life. Generates 75 million in revenue.

Director Engineering, Loggly, San Francisco, CA July 2011 – May 2012
- 10 reports within three management teams: Search, Frontend, Infrastructure
- Management Accounting/Break Even Analysis and costing for 10 million funded startup
- Architected EC2/Continuous integration and Deployment/Python/Java/Erlang

CURRENT FOUNDER EXPERIENCE

Founder & CTO, Zebulant LLC, San Francisco, CA Jan 2011– December 2012
- Created top ten paid Mac Desktop Application from scratch in Objective-C
- Generated tens of thousands of dollars in revenue

Founder & CTO & CEO, GiftCS LLC, Atlanta, GA 2008– 2009
- Built python web applications for Turner Studios, Shell Oil, and other clients
- Generated approximately one million in gross revenue in year one.

RECENT PRODUCT ENGINEERING LEADERSHIP EXPERIENCE

Year	Product	Company	Select Technologies
2017	AWS Virtual Reality Pipeline	Uncorporeal	AWS Lambda/Python/React
2015	Sports Social Network (iOS,Android,Web)	Sqor Sports	Erlang/Elixir/C#/Swift
2013	Versu iOS Mobile Game	Linden Lab	Erlang/C#/Xamarin
2013	Blocksworld iOS Game	Linden Lab	Python/C#/Unity 3D

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SELECT PUBLIC SPEAKING

UC Davis MBA Program: *The Business of Media* 2016-2017 – Bay Area, CA
National PyCon 2008, 2011 - Chicago, Atlanta
San Francisco Erlang Conference 2011, 2012, 2013 - San Francisco, CA
Foo Camp 2009, 2010, 2011, 2012, 2017 - Auckland, New Zealand & Sebastopol, CA

PREVIOUS ENGINEERING LEADERSHIP EXPERIENCE

Engineering Manager, AT&T Interactive, San Francisco, CA May 2010 – July 2011
Senior Technical Director, Imagemovers Digital, Novato, CA, Oct 2009 – May 2010
Engineering Supervisor, GoComm, LLC, Los Angeles, Atlanta, San Francisco, CA, 1987 – 1999
Senior Technical Director, Weta Digital, Wellington, New Zealand, Nov 2008 – July 2009
Software Engineer, Racemi, Atlanta, GA, Oct 2007 – May 2008
Production Engineer EFX, Turner Studios, Atlanta, GA, Jan 2006 – March 2007
Lead Editorial Systems Engineer, Sony Imageworks, Los Angeles, CA, Feb. 2005-Jan. 2006
Avid Engineer, Disney Feature Animation, Los Angeles, CA, Feb. 2005-Jan. 2006
Lead Avid Engineer, Wexler Video, Los Angeles, CA, September 2003-May 2004
Lead Sysadmin Administration Department, Caltech Los Angeles, CA, August 2000-August 2003
Freelance National Television Editor/ Engineer, ABC Network News LA, CA, June 1994-Aug. 1994

CERTIFICATIONS

AWS Certified Solutions Architect, 2017

SELECT OPEN SOURCE CODE EXAMPLES

Machine Learning: https://github.com/noahgift/socialpowernba
Linear/Non-Linear Optimization in Python: https://github.com/noahgift/or
Objective-C Desktop App: https://github.com/noahgift/Liten
"Clean" Python Code: https://github.com/noahgift/clean_code

SELECT FILM CREDITS

Year	Film	Company	Role	Note
2009	Avatar	Weta Digital	Software Engineer	1B+gross Mocap film
2006	Open Season	Sony Imageworks	Pipeline Engineer	1st 3d anim film Sony
2005	Chicken Little	Disney Feature Anim	Pipeline Engineer	1st 3d anim film Disney

LECTURER

Machine Learning: BAX 452
Three Unit Course, UC Davis, MSBA (Graduate School of Management), January 2018

PUBLICATIONS

Books
Pragmatic AI: An Introduction to Cloud-based Machine Learning, Pearson, Jan. 2018
Python for Unix and Linux Systems Administration, O'Reilly, 2008
Selected Articles
Blockchain Series, IBM Developerworks, 2017
Predicting Social Influence with Machine Learning Series, IBM Developerworks, 2017
Pandas, Investment Analysis in Python, IBM Developerworks, 2013
Pyomo, Linear Optimization in Python (2 Part- Series), IBM Developerworks 2013
Parsing Log Files with F#, MapReduce and Windows Azure, MSDN Magazine, 2011
Selected Technical Editor
Python Essential Reference, 4th Edition, Addison-Wesley, 2009

HOBBIES

Competition Brazilian jiu-jitsu, Martial Arts, Fitness, Sports, Running, Bouldering, Piano, Reading

Companies/Logos (top): abc NEWS · Caltech · Walt Disney Feature Animation · Racemi Cloud Migration Simplified · Turner Studios · at&t · loggly · Uncorporeal Systems · 18 BIRDIES · Sony Pictures Imageworks · Weta Digital · Walt Disney Pictures · sqor SPORTS · Second Life · Consulting

Roles:
- Network News Editor/Engineer
- Lead Systems Administrator
- Lead Editorial Engineer
- Python Developer
- Lead Python Developer
- Director Engineering
- CTO & GM
- Consultant

Timeline bars:
- GM, Product, Sales (4 Years)
- Technical Author (12 Years): O'Reilly, Pearson...
- Software Team Management (10 Years)
- Cocoa (11 Years): Objective-C, Mono, Swift, Mobile, Desk
- Erlang, C#/F#, Ruby (7 Years)
- Big Data (19 Years): TV, Film, NFS, Hadoop, AWS, ML
- Stats/ML Programming (7 Years): R, Python...
- Unix/Linux (25 Years): Mainframes, Desktops, Containers, Virtualization
- Python Programming (17 Years)
- TV, Film and Video Engineering (21 Years)

Timeline axis: 1985 · 1993 · 1994 · 1996 · 1998 · 1999 · 2000 · 2001 · 2002 · 2003 · 2004 · 2005 · 2006 · 2007 · 2008 · 2009 · 2010 · 2011 · 2012 · 2013 · 2014 · 2015 · 2016 · 2017

Education/Milestones:
- High School
- AA Degree
- BS CalPoly Nutrition
- MS CSULA Information Systems
- Big Nerd Ranch Cocoa
- UC Davis MBA

- School & Work Full-time
- Wrote O'Reilly Book on Python
- Worked on Avatar Movie
- School & Work Full-time
- Wrote Best Selling OS X App
- Pearson Book on Machine Learning/AI

Bottom logos: City of Los Angeles · Atlanta Georgia · O'REILLY · New Zealand · San Francisco · Apple · Pearson