Katherine Tole

"Kat of All Trades"

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Engineer | Extrovert | Events

Things You Should Know

- ➔ I graduated in 2011 with a degree in Chemical Engineering and a minor in English from Oregon State University.
- ➔ I love to wear many hats in startup environments and am eager to find new skills to develop.
- ➔ I am well known in the hackathon circuit for staying up all night just like the participants and starting the PJ pant swag trend.
- ➔ I really enjoy traveling and have lived in Greece as well as traveled to 13 other countries.
- ➔ I love talking to strangers, it's one of my specialities.

Technical Skills

Software Development Languages - JavaScript, Python, C++, C, CSS, HTML, R, Markdown

Software Tools - Slate framework, Doxygen, QEMU, Git, Phabricator, Trello, JIRA, LabVIEW, MATLAB, Spotfire, SAP, Oracle, VBA Excel

Platforms - Windows, Unix, RHEL, iOS, Android

Lab Equipment - Soldering, Photolithography, Atomic Layer Deposition, Sticky Mats

Other - 3D Printing, Photoshop/GIMP, Data Analysis, Sticky Notes, Computer Diagnostics/Repair, Sharpies

Relevant Work Experience

Bonsai AI, Seattle, WA - Developer Advocate

DECEMBER 2016 - PRESENT

Hired to build a ground-up developer ecosystem around a yet unreleased Machine Teaching development platform. Company pivot caused eventual move to the product management team focusing primarily on developer documentation.

- Directed, edited, and produced a series of 5 product training videos.
- Published 7 blogs on the Bonsai website, mainly about events and training materials.
- Soley responsible for customer (developer) support through email and forums.
- Established documentation as an integral part of the software release cycle and promoted it as a main focus of the company to put dedicated resources on.

Pebble Technology, Redwood City, CA - Developer Advocate

JUNE 2014 - MARCH 2016

Expanded and nurtured Pebble's developer community through meetups, hackathons, online contests, and developer retreats while interfacing internally with the engineering team.

- Managed developer event strategy and personally represented Pebble at 40+ hackathons and conferences around the world.
- Directed multiple annual developer retreats including curriculum development, planning, and event management.
- Created Pebble's global Meetup ecosystem, still growing at 23 groups w/ 4600+ members.
- Supported developers through email using ZenDesk with 100's of requests per month and constant support through community Slack and forums.

Texas Instruments, Santa Clara, CA - Worldwide Pricing and Portfolio Manager

JULY 2012 - JUNE 2014

Managed the worldwide pricing strategy and customer negotiations with data analytics. Utilized the company's precision data converter portfolios and sensing technologies throughout the product lifecycle.

- Through the use of big data, managed worldwide pricing strategy of 20,000+ SKUs to preserve legacy revenues and grow new revenues exceeding $500M annually.
- Managed pricing and negotiations for Apple, Samsung, and Raytheon to increase profit margins.
- Built reports and drove decisions based on collated and analyzed worldwide sales data.
- Co-founded TI's Bay Area New Employee Initiative Group.
- Selected for new college graduate leadership rotation program w/ experience in semiconductor technical sales, operations, and marketing management.

Education

Oregon State University, Corvallis, OR - BS, Chemical Engineering, Minor in English

SEPTEMBER 2006 - JUNE 2011

- Focus in Microelectronics and Material Science
- Intel Undergraduate Scholar (2009-2010)

Data Process Analysis Teaching Assistant

SPRING 2009, 2011

- Authored MATLAB scripts to automate data acquisition and analysis for efficiency and accuracy.
- Evangelism of the practical use of engineering statistics in real industry scenarios.
- Taught six-sigma process control techniques for use in process engineering.

Electrical Engineering Research Assistant

JULY 2009 - FEBRUARY 2010

- Published conference paper on multi-layer thin film semiconductors where data was analyzed by use of multi-probe stations to characterize properties.
- Used photolithography to create devices for the growth of carbon nanowires to determine current carrying capacity of nano-bridges.

Extra Credit

S.W. Smith, K.G. McAuliffe, J.F. Conley Jr. "Atomic Layer Deposited High-k Nanolaminate Capacitors." *Solid-State Electronics.* Vol. 54, Issue 10 (2010): 1076–1082.

My hobbies include intense board/card/video games, expert level paleo baking, building computers, rock climbing, singing outside the shower, and traveling throughout Europe and North America.

LinkedIn references from management & peers: www.linkedin.com/in/kgmcauliffe#recommendations