Rich Trott

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▬▬▬▬ Experience

2012 - Present **Director, Center for Knowledge Management**, *UC San Francisco*, San Francisco, California.
I led a team of approximately 12 software engineers on a wide variety of projects. I also acted as an individual contributor on many projects. During my tenure, the team transitioned to a default-to-open policy and subsequent contributions to open source greatly increased. We also migrated from on-premise hosting for nearly all our projects to cloud-based hosting for all of them. Projects were in areas that included open data and open access, health sciences education, web, and mobile.

Starting in May 2015, I began contributing to Node.js core. As of this writing, I have 896 commits in Node.js core. I have been chair of the Node.js Core Technical Committee and a member of the Technical Steering Committee. I spearheaded the Testing Working Group. I started an external project called Node Todo (http://nodetodo.org) to assist people with getting their first commit into Node.js. On behalf of the Node.js Foundation, I ran Code + Learn events with a similar purpose. Since 2015, I have been among the most active members of the Node.js project.

2008 - 2012 **Applications Lead**, *UC San Francisco*.
My role during this period was similar to the role role described above except that my role was limited to software engineering and did not include infrastructure and user experience.

2007 - 2008 **Security Analyst**, *UC San Francisco*.
My role included both a technical component and a policy component. I created and maintained security tools, evaluated emerging security and compliance technology, and performed institution-wide and application-specific risk assessments.

1999 - 2007 **Programmer/Analyst**, *UC San Francisco*.
This job covered several roles over time, all performed under one job title. I started as a systems administrator, moved to programming, and was leading a small team of programmers at the end.

1998-1999 **Web Administrator and Developer**, *Autodesk Inc.*, San Rafael, California.
I was on a team that migrated the website architecture to an early content management system. Subsequently, I led a small team of web programmers. The individual-contributor aspects of my role primarily involved programming with a healthy does of systems architecture.

1997-1998 **Systems Administrator**, *LucasArts Entertainment Company, LLC*, San Rafael, California.
I worked on server farms and firewalls and pretty much anything else that needed to be worked on.

1996-1997 **Systems Programmer**, *Rutgers University*, New Brunswick, New Jersey.
I dropped out of grad school and took a "real" programming job. Ten minutes later, everyone was moving to Silicon Valley to work in tech.

1993-1996 **Campus Computing Facilities Manager**, *Rutgers University*.
Although I was ostensibly managing student computing facilities, I found lots of excuses to write code and experiment with the then-emerging web.

▬▬▬▬ Skills

Programming (fluent) Node.js/JavaScript

Programming (proficient) PHP, Perl, bash

Programming (familiar) C, C++, Java, Ruby, Python, Objective-C