

Pat Copeland

pat@patrickcopeland.org, <http://patrickcopeland.org>, 650-933-3852.

Engineering and product leader with experience creating hardware, services, and systems. Drives innovation, strategy, and execution. Consistent record of delivering world-class teams, cultures, and results at a global scale.

Google

2006-Now

SENIOR ENGINEERING DIRECTOR, *Hardware and Cloud Systems*

Created the product, engineering, and business expansion of Google WiFi. Lead a start-up within Google and grew it to a cross functional team of 300. Won design awards, praised by the press, and loved by customers.

2013-2016

OnHub
Google WiFi

SENIOR ENGINEERING DIRECTOR, *Advertising Systems*

Built data management and insights systems for the avalanche of Google's data and made it actionable. Initially challenged with heterogeneous storage and formats, vertical and enmeshed data and code, and many querying and visualization frameworks. Transformed to an integrated and adaptable stack.

2011-2013

Data Insights
Revenue

ENGINEERING DIRECTOR, *Infrastructure*

With a global team of 1000, drove systems and strategy that revolutionized how Google engineering created software, and along the way significantly influenced how the industry delivers massive cloud systems quickly and with confidence.

2006-2011

Infrastructure
AngularJS

Microsoft

1995-2006

PARTNER ENGINEERING DIRECTOR, *MSN Search*

Developed brand new Search service: contributions to design and innovation, strategy, improving quality of service, designed environments, and built large teams.

2004-2006

Bing

ENGINEERING DIRECTOR, *Business Solutions*

Senior staff role spanning a large, multi-country, multi-product, development project. Created and drove engineering strategy, delivered first gen product, improved efficiency, and effectiveness of a 500+ organization.

2003-2004

Dynamics

PRODUCT UNIT MANAGER, *E-Business Web Services Team*

Delivered innovation, development, and release of the Host Integration and BizTalk products to market with 160 people of all disciplines.

2001-2003

BizTalk Server

GROUP MANAGER, *SQL Server Team*

Initial versions of XML, SOAP, and internet data access technologies. Lead 135 engineers.

1999-2001

XML / MDAC

ENGINEER AND MANAGER, *Windows CE*

Built windows version of embedded real-time operating system for consumers.

1995-1999

OS / Hardware

Education & Publications

University of Southern California, M.S. in Computer Science, 1995.

University of Arizona, B.S. in Computer Science, Minor in Mathematics, 1993.

Publications: <https://goo.gl/B8BIWs>