

# Pat Copeland

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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.

## PlanGrid

2017-now

### VICE PRESIDENT OF RESEARCH & DEVELOPMENT

Leading product, design, and engineering team of 100 at a series B startup in SFO.

## Google

2006-2016

### 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

Google CRM  
Big Data Analysis  
Revenue Pipelines

### 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

Tools/Compilers  
Infrastructure  
Frameworks

## 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, *Business Servers and SQL Server Team*

Delivered innovation, development, and release of the Host Integration and BizTalk products to market with 160 people of all disciplines. Initial versions of XML, SOAP, and internet data access technologies. Lead 135 engineers.

1999-2003

HIS  
BizTalk Server  
XML / MDAC  
SQL Server

### ENGINEER AND MANAGER, *Windows CE*

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

1995-1999

Operating Systems  
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>