


# Eldred Mongiello

Computer Network Architects

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10001

## Education

**Bachelor of Science  
in Computer Networking  
at South Dakota State  
University, SD**

Aug 2008 - May 2012

I've learned how to design, implement, and troubleshoot computer networks.

## Links

[linkedin.com/in/eldredmongiello](https://www.linkedin.com/in/eldredmongiello)

## Skills

Networking protocols

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Network design and implementation

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Cisco networking products

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Juniper networking products

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F5 load balancers

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Riverbed WAN optimizers

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## Languages

English

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Japanese

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## Employment History

### Senior Computer Network Architect at Microsoft, SD

Jun 2022 - Present

- Led the design and implementation of a new network architecture for a large corporation, which increased reliability by 99.99% and reduced latency by 50%.
- Designed and implemented a nationwide MPLS network for a major telecommunications company, which resulted in cost savings of \$5 million per year.
- Implemented an innovative disaster recovery solution for a financial institution that allowed them to recover from any type of outage within 2 hours.
- Led the redesign of the global WAN for a multinational retailer, resulting in significant improvements in performance and reliability.
- Created custom networking solutions for several high-profile clients, including Google, Facebook, and Amazon.
- Authored papers on various topics related to computer networking.

### Lead Computer Network Architect at Apple, SD

Aug 2020 - Apr 2022

- Led the design and implementation of a new network architecture for a major corporation, which improved performance by 30%.
- Implemented security measures that prevented 100% of attempted cyber attacks.
- Successfully led team in designing & launching intranet system used by 500 employees daily.
- Cut company's networking expenses by 20% through efficient resource management.
- Trained 5 junior staff members on best practices in computer networking.
- Wrote 50 page white paper on emerging trends in computer networking.

### Computer Network Architect at Google, SD

Sep 2012 - Jun 2020

- Installed and configured a new network for a company with 500 employees, which increased productivity by 30%.
- Led the team that designed and implemented a VoIP system for a major corporation, saving the company \$1 million per year in phone costs.
- Successfully migrated an organization's email server from Exchange to Gmail, improving uptime by 5%.
- Documented all aspects of the network including hardware, software, configurations, etc. making it easier for others to maintain and troubleshoot issues.
- Trained junior staff members on best practices for networking design and implementation.