

## Contact

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## Top Skills

GenAI  
Stakeholder Relations  
Software Development  
Methodologies

## Certifications

Akamai LEAD Program  
Advanced Cybersecurity  
Leading Remote Teams

# Grace Wang

Senior Data Science Manager at Akamai Technologies  
San Jose, California, United States

## Experience

### Akamai Technologies

7 years 3 months

#### Senior Machine Learning Manager

February 2022 - Present (3 years)

San Francisco Bay Area

- > Hired and built Data Science, data analysis, security operation teams detecting and analyzing cyber threats.
- > Developed and deployed machine learning models (GNN, CNN, LSTM, Linear Regression, AD, etc) for cyber threat detection, serving 100+ Internet Service Providers, nearly 1000 Enterprises globally.
- > Delivered GenAI/LLM-based (GPT API) products as cybersecurity product differentiators.
- > Led the teams to build the Data Science/Analysis infrastructure in Microsoft Azure (ADLS Gen2, Databricks, Synapse, Azure Machine Learning Studio, PowerBI Pro, Kubernetes, etc).
- > Managed Data Science/Machine Learning prototyping and production deployment (Kafka, Kubernetes, Argo CD, Docker, ClickHouse).
- > Managed Data Analysis/Visualization projects to bring business insights and enable sales/marketing.
- > Managed security analysis, customer support and customer reports.
- > Managed team members' career growth with effective objective setting and performance management.

#### Manager of Machine Learning

July 2021 - March 2022 (9 months)

Managing data science team, data analyst team and security operation team working on threat analysis, threat detection, and support.

#### Lead Machine Learning Engineer

September 2018 - June 2021 (2 years 10 months)

Applying data science and machine learning on DNS data and Cyber Security.

#### Principal QA Engineer

November 2017 - September 2018 (11 months)

California

Working on DNS engines and data streaming engines.

## Nominum

### Sr. Staff Software Test Engineer

December 2013 - November 2017 (4 years)

Redwood City

## Dolby Laboratories

### Staff Software Test Engineer

August 2011 - November 2013 (2 years 4 months)

San Francisco

- Led multiple software QA projects simultaneously and delivered successfully (One of them is the Dolby Digital Plus on Amazon Kindle HD devices).
- Worked closely with the program managers, product managers, marketing managers, engineering leads and implementation leads.
- Continuously improved the QA process.
- Generated test metrics for upper management team.
- Helped with hiring and mentoring the new members.
- Worked on the Seamless knowledge transition from San Francisco to China.
- Managed the QA efforts in China.
- Hands on audio QA work.
- Automated test cases using the test harness written in Perl.

## 510 Systems

### QA Manager

January 2010 - August 2011 (1 year 8 months)

## 510Systems

### Software QA Engineer

July 2009 - December 2009 (6 months)

## Hewlett Packard

### Software QA Lead

May 2006 - September 2008 (2 years 5 months)

Plan, manage and execute software testing.

## Thales e-Transactions

### Software QA Lead

November 2005 - May 2006 (7 months)

Led the EFT testing team to successfully deliver 2 projects; Hired and mentored the new test team members

## Synopsys

### Software Engineer

July 2001 - November 2005 (4 years 5 months)

Implemented an internal automatic unit test system with C-Shell and Perl language; Successfully delivered 2 big projects which significantly reduced the memory usage during chip design process; Maintained the API of the database system via scheme and TCL/TK scripting language

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## Education

### Stanford University

Artificial Intelligence Graduate Certificate · (2018 - 2021)

### Shanghai Normal University

Bachelor, Calculation Mathematics and Its Applied Software · (1997 - 2001)