

## (Jennifer) Nghi M. Nguyen

Work authorization: **US citizen.**

**MS candidate in data analytics** at San Jose State University.

Seeking a full-time position in data analytics/science.

Portfolio: [jennifernghi.github.io](https://jennifernghi.github.io)

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Phone: (415) - 259 - 1909

Location: San Jose, CA

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### Education

#### Master of Science in Data Analytics

San Jose State University

San Jose, CA

01/2021 – 12/2022

(Expected)

- GPA: 3.67
- Courses: MSDA Project, Data Mining, Analytical Mathematics, Database Systems, Data Visualization, Machine Learning Technologies, Data Analytics Process, Data Mining and Analytics

#### Bachelor of Science in Computer Science

San Jose State University

San Jose, CA

08/2016 – 12/2018

- GPA: 3.871 - Magna Cum Laude
- Dean's scholar 2018

### Skills

|                              |   |
|------------------------------|---|
| <b>Data Analytics:</b>       | Descriptive Analytics, Diagnostic Analytics, Predictive Analytics, Data Mining, Machine Learning  |
| <b>Database Tech:</b>        | RDBMS, Data Modeling, SQL, Big Query, DAX language, PowerBI M Language  |
| <b>Visualizations</b>        | Power BI, Tableau, Fusion Chart, D3.js  |
| <b>Software</b>              | Python, PHP, CodeIgniter, JavaScript, HTML, CSS, Ajax, Bootstrap, JQuery  |
| <b>Development:</b>          |   |
| <b>Other Tools:</b>          | Netsmart Avatar, IT Ticketing System, Github, Office 365, Anaconda, Jupyter Notebook, Google Colab, Google Cloud Platform, Excel, Scikit Learn libraries, Pandas, Numpy, Matplotlib, Google Earth Engine. |
| <b>Interpersonal skills:</b> | Researching, Collaboration, Responsive Communication, Time Management, Adaptability, Critical Thinking, Problem Solving, Working Remotely, Project Management.  |

### Professional Experience

#### MS Data Analytics Final Project - AI application forecasting 2022 corn yield and price in California

San Jose State University

San Jose, CA.

01/2022 – 12/2022

(In Progress)

- Predicting 2022 corn yield and price using MODIS sensor images and **deep learning and machine learning** techniques.
- Roles: **project manager** for a team of 4 and **developer** for corn yield's models and AI visual web development.
- Targeted Skills/Tools: **researching**, deep learning, **machine learning**, data mining, data collection, data preparation, AI web development (d3.js, flask, HTML, CSS), Pytorch, Keras, GCP, Google Earth Engine, **Python**, project management, technical report writing, Jira.

#### Supply Chain Graduate Technical Intern

Intel Corporation

San Jose, CA.

Hybrid.

05/2022 – 08/2022

(In Progress)

- PPA data analytics and raw data automation for Corporate Planning Group.
- Targeted Skills/Tools: **Power BI**, Python, data automation, data analytics, project management.

#### System Application Engineer

Lifeworks NW

Portland, Oregon.

Remote.

04/2019 – 09/2021

Non-profit agency provides services/treatments for mental health. counseling, addiction, etc.

- **Set foundation** for web-based data analytic and visualization platforms which give powerful insights for business decision making.
- Design and **implement web-based data analytic dashboards** from scratch.
- Serve as liaison between the IT department and end users.
- Provide on-demand **SQL data analytics** with PowerBI and Netsmart Avatar's **EHR data**.
- Part of the **data governance** team: maintain data quality and consistency.
- Data analytics projects: Strategic KPI Dashboard, Caseload Management Dashboard, Revenue & Performance Dashboard, Intake Capacity Dashboard, Medical Services Dashboard.

**Languages:** English (native), Vietnamese (native)