

# Dylan Geraci

US Citizen | [LinkedIn](#) | [Github](#) | [Portfolio](#) | [Email](#)

## Education

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### California State University, Fullerton

Expected Graduation: **May 2026**

*Bachelor of Science in Computer Science*

GPA: **3.9/4.0**

- **Relevant Coursework:** Operating Systems, Algorithms, Databases, Linear Algebra, Machine Learning, Applied Statistics, Software Engineering, Cybersecurity

### Orange Coast College

May 2024

*Associate in Science in Computer Science*

GPA: **4.0/4.0**

- **Relevant Coursework:** Object-Oriented Development (Python, C++, Java), Discrete Structures, Computer Architecture, Data Structures

## Projects

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### Carelink | Python, Tauri, SQLite, Gemma 3n, FastAPI

- Building an offline-first AI companion that summarizes dementia care sessions using local transcription and LLMs
- Implementing a secure local database and lightweight desktop UI for caregivers to manage session reports

### ParkSafe-LA | Python, Jupyter Notebook, HTML, CSS

- Developed a machine learning model using **23M+** LA parking citations to assess citation risk
- Engineered a preprocessing pipeline using **Pandas**, **NumPy**, and **BallTree** for geospatial ZIP mapping
- Designed and tested a user-facing prototype evaluated by **30+** users, maintaining a **97%** satisfaction rate through initial deployment feedback

### Cloud Infrastructure Migration | VMware Fusion, Azure, Linux

- **Led** a 3-person team in migrating virtual machines to Microsoft Azure, gaining experience in system-level risk assessment, secure configuration, and deployment fundamentals
- Leveraged **cloud tools** and configurations to enhance operational efficiency and enforce secure access control

## Experience

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### Association of Computing Machinery

May 2025 - Present

*Artificial Intelligence Board*

Fullerton, CA

- Lead AI/ML and algorithm workshops for **40+** students to build interview skills and industry knowledge
- Coordinate with peers to host coding demonstrations and speaker events that connect students with real-world applications in tech

### 24 Hour Fitness

June 2022 - Present

*Sales and Service Expert*

Huntington Beach, CA

- Provide exceptional customer support by efficiently assisting over **800** members daily, ensuring high satisfaction rates and prompt issue resolution to enhance member experience
- Assist in managing daily club operations by overseeing **3** key processes and contributing to the achievement of **20%** of overall business objectives for optimal club performance
- Drive team success by collaborating with a group of **10+** to execute strategic sales initiatives, contributing to over **115%** achievement of monthly revenue goals and enhancing team productivity

## Skills

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- **Languages:** Python, C++, C, JavaScript, Java, SQL, R, HTML, CSS, Bash
- **Frameworks & Libraries:** Pandas, Numpy, Express.js, Next.js, Tailwind CSS, Matplotlib, Scikit-learn, TensorFlow, Keras, Flask
- **Tools & Environments:** Git, GitHub, VSCode, Jupyter Notebook, AWS (S3, EC2), Azure, SQLite, MySQL, MongoDB, Google Colab, Supabase, Agile (Scrum), Docker
- **Concepts:** Backend Development, Data Science, Machine Learning, Artificial Intelligence, Agile Methodologies