

Dylan Geraci

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Education

California State University, Fullerton

Expected: **May 2026**

Bachelor of Science in Computer Science

GPA: **3.9/4.0**

- **Relevant Coursework:** Operating Systems, Machine Learning, Software Engineering, Natural Language Processing, Data Science and Big Data, Algorithms, Web Back-End Engineering, Applied Statistics

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

Carelink | *Next.js, Tailwind CSS, SQLite, FastAPI*

- Integrates **Gemma 3n** language model, enabling offline-first AI-powered medical conversation analysis
- Implemented a secure local database and lightweight UI, improving caregiver usability in early testing by **30%**
- Engineered **RESTful API endpoints** to support secure data exchange and scale across multiple clients

ParkSafe-LA | *Jupyter, HTML, CSS*

- Developed an ML model on **23M+** LA parking citations to predict citation risk
- Engineered a preprocessing pipeline using **Pandas**, **NumPy**, and **BallTree** for geospatial ZIP mapping
- Designed and tested a prototype with **30+** users, validated by a **97%** satisfaction rate in early feedback

Cloud Infrastructure Migration | *Azure, Linux*

- Led a **3-person team** migrating virtual machines to Microsoft **Azure**, applying risk assessment and secure configuration practices
- Automated deployments with **Azure CLI scripts**, reducing setup time by **40%**

Experience

Project RAISE

July 2025 - Present

Peer Advisor

Fullerton, CA

- Guide STEM transfer students by leading workshops and providing technical mentorship
- Foster professional development by connecting students with research, internship, and academic opportunities

Association of Computing Machinery

May 2025 - Present

Artificial Intelligence Board

Fullerton, CA

- Conduct Data Science and ML workshops for **40+** students, strengthening technical and interview skills
- Coordinate with peers to host coding demonstrations and speaker events that connect students with real-world applications in tech

24 Hour Fitness

June 2022 - August 2025

Sales and Service Expert

Huntington Beach, CA

- Supported **800+** members daily and collaborated with a **10-person team** to consistently exceed monthly revenue goals by **115%**
- Achieved **95%** member satisfaction scores by delivering reliable support in a fast-paced setting

Skills

- **Languages:** Python, C++, C, JavaScript, Java, SQL, HTML, CSS, TypeScript, R
- **Frameworks:** React.js, Next.js, Tailwind CSS, Flask, FastAPI
- **Tools:** Git, VSCode, Nautilus (NRP HPC), Jupyter, PostgreSQL, MySQL, MongoDB, Supabase, Docker, Linux
- **Cloud Platforms:** Google Cloud, AWS (S3, EC2), Azure, Oracle Cloud
- **Concepts:** Data Science, Backend, Machine Learning, Cloud Computing, Frontend