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
- Built a responsive frontend with **Next.js** and **Tailwind CSS**, cutting caregiver navigation time by **25%** in testing
- 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 **45+** users, achieving 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
- Mentor **30+** STEM transfer students through technical workshops, software tools, and career pathways
- Facilitate connections to research labs, internships, and academic resources, strengthening student success in STEM

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 and present coding demos on feature engineering, model training, and evaluation using **Scikit-learn** and **TensorFlow**

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), PostgreSQL, MySQL, MongoDB, Supabase, Docker, Linux, Jupyter
- **Cloud Platforms**: Google Cloud, AWS (S3, EC2), Azure, Oracle Cloud
- **Concepts**: Data Science, Backend, Machine Learning, Cloud Computing, Frontend