Dylan Geraci

LinkedIn | Github | Portfolio | dylangeraci.dev@gmail.com

Education

California State University, Fullerton   Expected: **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

Carelink | *Python, 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

Project RAISE   July 2025 - Present
Peer Advisor   *Fullerton, CA*
- Support STEM transfer success by leading workshops, providing technical guidance, and fostering professional development in computer science research, internships, and academic pathways

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 - 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%**

Skills

- **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, FastAPI
- **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