Kenny Garcia

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science in Computer Science   *Aug 2023 – Expected May 2027*
Relevant Coursework: Algorithm Engineering, Linear Algebra, Software Testing, Natural Language Processing

SKILLS

Languages: C, C++, Python, Java, JavaScript, TypeScript, SQL
Frameworks & Libraries: React.js, Node.js, TailwindCSS, Pandas, Scikit-learn, PyTorch, PostgreSQL
Software Tools: Git, Docker, Jupyter Notebook, Neovim, AWS (EC2, S3, SageMaker), Linux (Fedora, Arch)

EXPERIENCE

Lead Instructor | *Tutor Zone*   Jan 2025 – Present
- Supervised and trained **7** instructors teaching K–6 classes of **12–20** students
- Coached instructors through observations and feedback to improve lesson delivery and classroom effectiveness
- Worked closely with directors and principal to resolve disruptions, technical issues, and instructor performance

Computer Science Instructor | *Coding Minds Academy*   Nov 2024 – Sep 2025
- Taught C++, Java, Python, Machine Learning, and Generative AI to about **40** students across cohorts
- Guided student teams through capstone projects and organized final showcase presentations for parents
- Improved student proficiency by reinforcing debugging skills, problem solving, and project based learning practices

PROJECTS

Elephant Hunt | *GitHub Repo* | *Python, Streamlit, Supabase, PostgreSQL, Grok API*   Aug 2025 – Sep 2025
- Co-developed a campus-wide scavenger hunt for **30** players across **6** teams during ACM and Node Buddies events
- Built **Supabase** backend validating scans, updating scores in real time, and enforcing unique paths at **15** stations
- Integrated Grok chatbot riddles to guide players while exposing LLM vulnerabilities and **prompt injection** risks

CSU Housing Attrition Predictor | *GitHub Repo* | *Python, Scikit-learn, Next.js, EC2, SageMaker, S3*   July 2025
- Selected for CSU AI Summer Camp **(50 of 900)** hosted by **AWS** and collaborated on attrition prediction project
- Led model development in a **5**-person team, engineering **22** features with **Pandas** and **sklearn** to train a **sigmoid neuron** achieving **0.86 F1** while ensuring interpretability for housing staff
- Deployed model using **EC2** and **SageMaker** with an **S3** data pipeline and **React** dashboard for staff analysis

Gene Scope | *GitHub Repo* | *Python, Flask, Next.js, PostgreSQL, Docker*   May 2025 – Sep 2025
- Developed AI tool predicting variant pathogenicity with **90%** accuracy using **Evo2** LLM on **Modal GPU**
- Reduced variant analysis time by **80%** via H100 GPU backend deployed with **Python** and **FastAPI**
- Built intuitive genome browser app in **Next.js**, enhancing user-driven genetic data exploration

LEADERSHIP AND ACTIVITIES

FullyHacks | *Web Committee Member*   Sep 2025 – Present
- Collaborating with peers to develop the official hackathon website supporting **400+** applicants and **10+** sponsors
- Contributing full-stack development in **React** and **TypeScript** for registration, scheduling, and sponsor features
- Supporting leads in delivering a polished platform that boosts visibility for CSUF's largest 24-hour hackathon

Society of Hispanic Professional Engineers (SHPE) | *Web Dev Board Member*   Sep 2025 – Present
- Partnering with webmaster and **3** peers to rebuild SHPE-CSUF website serving **487** student members
- Building site functionality with **Next.js** and **TailwindCSS** to improve recruitment and event promotions
- Advancing chapter revival through technical leadership and planned **open-source** contributions

Association For Computing Machinery (ACM) | *Dev Project Manager, OS and AI Officer*   July 2024 – Present
- Managed **8** student teams of **3** to **4** members delivering semester projects across domains
- Organized kickoff workshop, created Discord channels, and weekly check ins for ongoing guidance
- Mentored students on frontend, backend, and **API** design, supporting successful project delivery across all teams
- Built hackathon page and events calendar for acmcsuf.com using **TypeScript**, boosting visibility and engagement
- Led AI workshops on **ML**, **LLM**, and **PyTorch** for **100+** students across sessions
- Supported CSUF's largest CS org with **2,300** members, **50** officers, and **30–40** attendees per workshop