

# Noah G. Gallego

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## TECHNICAL SKILLS

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**Programming Languages:** C++, Python, Javascript, PHP, HTML, CSS/SCSS, Java, SQL, Shell, R

**Technologies Used/Skills:** Matplotlib, Seaborn, Node.JS, MySQLi, Apache, Linux, Ajax, JQuery, FETCH, Shell, NumPy, Tensorflow, Keras, Pytorch, TextBlob, BeautifulSoup, Git, Github, Tableau, Turitrove, PCA, Data Analysis/Science, Linear Regression, Model-Creation, Jupyter, Cluster Analysis, Pandas

## EDUCATION

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**California State University Bakersfield | Bakersfield, CA**

**Graduating May 2026**

**B.S. in Computer Science | Overall GPA: 3.70**

**Relevant Courses:** Programming I-II, Discrete Math, Advanced Web Development, Calculus I-II, Computer Architecture, Statistics, Applied Stat. Computing, Physics I

**Highlights:** Dean's List: Fall 2023, Spring 2024; Helen Hawk Honors Program, CSUB Hispanic Scholarship Fund Scholarship Recipient, SHPE Scholar

**Online Courses/Certifications:** HTML/CSS, Advanced CSS and SASS, JavaScript, Node.JS, [Convolutional Neural Networks](#), [Neural Networks](#), [Hyperparameter Tuning](#), Data Visualization with [Matplotlib](#) and [Seaborn](#), and [AWS Cloud Foundations](#).

## WORK EXPERIENCE

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**Data Scientist Intern | Lawrence Livermore National Laboratory | Livermore, CA**

**Jul 2024 - Aug 2024**

- Applied advanced machine learning techniques (*CNNs, RNNs, DNNs*) using *PyTorch, TensorFlow, and scikit-learn* to *reconstruct electro-anatomical maps* and classify arrhythmias from 12-lead ECG data.
- Achieved diagnostic results of **99%** accuracy through the development of *four deep learning models*, increasing sensitivity and specificity in detecting abnormal heart rhythms.
- Wrote **2,000+ lines of code** for model architecture, preprocessing, and visualization.
- Collaborated with a multidisciplinary team to integrate mathematical modeling and computational science into machine learning workflows, presenting findings that influenced ongoing research strategies. ([Github](#))

**Apple At Home Advisor (AHA iOS T1) | Apple | Remote**

**Mar 2024 - Present**

- Diagnosed and troubleshot hardware, software, and network issues for iOS and other Apple products.
- Documented and tracked customer interactions and solutions in a CRM system to ensure accurate records and follow-up.
- Maintained **90%+ CSAT (Customer Satisfaction)** throughout **3000+ Interactions**.

**Advanced Web Development Teaching Assistant | CSUB | Bakersfield, CA**

**Jan 2024 - May 2024**

- Mentored and **assisted 25+ students** in the Advanced Web Development course at CSUB, explained challenging concepts to Computer Science students.
- Provided academic backend web dev support to students needing help with *Node.JS, PHP, Shell, JS, and HTML/CSS*. ([Project Website](#))

## PROJECT EXPERIENCE

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**Beats By Dre Consumer Insights/Sentiment Analysis**

- Developed proficiency in *Python* and various data science libraries such as *Textblob, Pandas, Matplotlib, Seaborn, and Numpy* to perform *comprehensive sentiment analysis* on consumer reviews as part of the [Beats By Dre Externship](#).
- Used *Pandas* and *Web Scraping tools (Oxylabs, BeautifulSoup)* to scrape reviews for analysis.
- Applied exploratory data analysis (*EDA*) techniques to uncover underlying patterns and trends in large datasets.
- Utilized advanced *natural language processing* tools, including Gemini AI, to interpret and summarize customer feedback.

**Stanford Deep Learning Portal Projects**

- **One of fourteen** students out of 120 nationwide who participated in an intensive machine-learning program at *Stanford University*.
- Engaged in weekly lectures, assignments, and personalized 1:1 sessions led by Stanford Computer Science Ph.D. mentors.
- Used *Python* and *Tensorflow* to create *object detection models, binary classification models, art-generation models, facial-recognition models* and tuned models. ([Machine Learning Projects](#))

## LEADERSHIP EXPERIENCE

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**Capital One Launchpad Participant | Capital One | Mclean, VA**

**Jul 2024 - Jul 2024**

- Selected as **one of 50 students nationwide** for a prestigious program in partnership with the HACU.
- Created a *Python credit profitability calculator* to predict the profit of potential new cards based on their economics, **winning 1st place out of 100+ participants**.
- Enhanced critical thinking and project management skills through a *case study* team-based experience. ([Github](#))

**Web Development Coordinator | California State University Bakersfield**

**Jan 2024 - Present**

- Designed and developed the CSUB Career Pathways Website while managing a small team to ensure the website was developed promptly.
- Achieved success by maxing-out the program with **150+ sign-ups** and filling the waitlist, a milestone never before reached. ([Website](#))