Zain Jandali

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EDUCATION

University of California, Berkeley	**Aug 2020 - Aug 2024**
BA, Computer Science & Data Science – Cognition Emphasis	GPA: 3.45
Relevant Coursework:	**Aug 2020 - Aug 2024**

Data Science: Foundations of Data Science, Principles and Techniques of Data Science, Ethics of Data Science, Machine Learning, Concepts of Probability, Economic Demography

Computer Science: Structure of Computer Programs, Data Structures and Algorithms, Machine Structures, Discrete Math and Probability Theory, Computer Security, Artificial Intelligence, Software Engineering, User Interface and Design, Probability and Random Processes

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, HTML/CSS, Bash, Go, R, C#, C/C++, Ruby, PHP, Swift
Frameworks: React.js, Node.js, Vue.js, django, Flask, SpringBoot,, Ruby on Rails, FastAPI, Flutter, ASP.NET Core, Flutter;
DevOps and Cloud Technologies: Docker, Kubernetes, AWS, Azure; **Databases:** PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, Weaviate; **Tools/Platforms:** Git, GitHub, GitLab, Jira, Confluence, Visual Studio Code.
Data Science/ML: PyTorch, scikit-learn, Keras **Testing Frameworks:** JUnit, pytest, Cypress **Other Skills:** RESTful APIs, GraphQL, Microservices, Agile (Scrum, Kanban), CI/CD, Unit Testing, TDD, Apache Kafka, RabbitMQ

WORK EXPERIENCE

StudySquirrel	**May 2021 – June 2022**
AI Software Developer	*Berkeley. CA*

- Developed advanced AI-driven features for the StudySquirrel web application, enhancing the learning experience for over 2,000 student users.
- Engineered a high-performance search engine using Docker, Flask, Node.js, Pandas, and TensorFlow, significantly improving search speed and accuracy.
- Led rigorous testing and validation processes for the search engine database, increasing platform accuracy by 30% and ensuring reliable user experiences.
- Collaborated with cross-functional teams to integrate machine learning algorithms, resulting in a 25% increase in user engagement and retention.

Activism Always	**June 2021 – Nov 2021**
Data Science Intern	*Berkeley, CA*

- Designed and implemented a user-friendly social media insight metrics tool, streamlining strategic planning for diverse organizations, including small businesses, B-corps, and startups, enhancing their social media influence by 40%.
- Led the successful beta testing phase, attracting over 7,000 users, and gathering valuable feedback that drove significant improvements in the platform.
- Conducted comprehensive data collection and analysis, optimizing data display capabilities and increasing user satisfaction by 30% through iterative testing and refinement.

University of California, Berkeley Athletics	**August 2021 – February 2023**
Equipment Manager	*Berkeley, CA*

- Efficiently managed equipment logistics for CAL sports teams, including football, men's and women's soccer, lacrosse, track & field, and rugby, ensuring optimal performance and readiness.
- Implemented inventory tracking systems, reducing equipment loss by 25% and ensuring timely availability for all teams.
- Coordinated with coaching staff and athletes to understand specific equipment needs, enhancing team satisfaction and performance.
- Led equipment setup and teardown for over 100 sporting events, contributing to the smooth operation and success of each event.

AWARDS

UCLA Freshman Regents Scholarship

- Awarded to the top 1.5% of admitted students at the University of California, Los Angeles, recognizing outstanding academic excellence, leadership, and potential for future contributions, as selected by a committee of esteemed faculty members.

UCLA Alumni Scholarship

- Recognized for exceptional academic excellence, influential leadership, and a strong commitment to driving change.