

Heaven Savage

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SUMMARY

Dynamic AI/ML Engineer with over five years of experience in software development and machine learning, specializing in educational technology. Proven track record of designing and deploying AI solutions that enhance user engagement and improve learning outcomes. Developed AI-driven features weekly can transform educational experiences for students. Excelling at collaborating with cross-functional teams to deliver innovative tools helps meet diverse learner needs and encourage quick iteration. Committed to leveraging knowledge and skills to contribute to TechForward's mission of improving lives through education.

EXPERIENCE

AI/ML Engineer January 2022 - Present
Bright Minds Tech *Los Angeles, CA*

Accountable for developing and integrating advanced AI-driven learning tools aimed at enhancing student feedback mechanisms. Collaborated closely with learning scientists to directly assess the impact of AI features on student performance and outcome indicators. Spearheaded a team dedicated to deploying scalable AI solutions designed to improve both course analytics and user engagement metrics.

- Converted student feedback mechanisms into AI-assisted solutions to boost engagement.
- Partnered with learning scientists to analyze AI impacts on student outcomes.
- Headed projects focused on scalable AI deployments in educational platforms.
- Integrated security and accessibility measures within all AI features.

Software Engineer June 2018 - December 2021
NextGen Learning *Austin, TX*

Engaged in designing and implementing effective machine learning models tailored for educational applications reaching a wide audience. Concentrated on streamlining data processing pipelines while ensuring compliance with rigorous educational standards. Collaborated with product managers to continuously define and refine critical product features based heavily on recurring user feedback and insights.

- Engineered ML models yielding significant improvements in learning application performance.
- Streamlined data processing pipelines for efficiency and adherence to legislation.
- Worked with product managers to align feature definition with user expectations.
- Conducted regular analyses on application performance to identify enhancement opportunities.

Intern, AI Development September 2017 - May 2018
University of Technology *San Diego, CA*

Contributed as an intern to developing cutting-edge AI algorithms intended for use in educational software during a capstone project. Conducted research focusing on user interactions with various educational tools to direct worthwhile design improvements that made functionalities more intuitive and impactful for users.

- Assisted with algorithm creation to advance educational platform capabilities.
- Performed detailed research aimed at optimizing user's interaction experiences.
- Collaborated in design review meetings to iterate on feedback for improvements.
- Supported mentors by analyzing current research trends in educational technologies.

LEADERSHIP & AWARDS

- Recognized for exceptional collaboration leading to improved user experience at Bright Minds Tech.
- Awarded 'Innovative Project Contributor' by NextGen Learning for outstanding contributions in software engineering.

EDUCATION

Bachelor's Degree in Computer Science 2017
University of California, Berkeley GPA: 3.8 *Berkeley, CA*

Coursework: Machine Learning, Software Development, Data Analysis, Educational Technology

CERTIFICATIONS

- Certified TensorFlow Developer 📅 2020
- AWS Certified Machine Learning – Specialty 📅 2021

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-Learn
- **Cloud Platforms:** AWS, Google Cloud, Azure
- **Data Management Tools:** MongoDB, PostgreSQL, MySQL
- **Development Methodologies:** Agile, SCRUM, DevOps
- **Collaboration Tools:** JIRA, Trello, Asana
- **Testing Frameworks:** JUnit, Jest, Selenium
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Data Visualization Tools:** Tableau, Power BI, Matplotlib
- **AI Research Methodologies:** Experimental Design, User Studies, A/B Testing

SKILLS

- Python
- JavaScript
- SQL
- OpenAI API
- AWS tools
- Data analytics
- Machine learning frameworks
- Educational technology
- AI systems
- Feature development
- Data processing
- Compliance standards
- Educational applications
- User engagement
- Capstone projects
- Course analytics

PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM).
- Active participant in local AI meetups fostering community engagement.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST