

Finn Robles

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SUMMARY

Passionate Applied AI Health System Engineer with over 9 years crafting tailored AI solutions for healthcare environments. Strong capability in translating vast data into actionable insights that propel informed decision-making and enhance patient experiences. Proven ability to lead cross-functional teams through complex challenges, fostering innovation while ensuring projects align with organizational goals. Committed to developing diverse and high-performing teams, I prioritize collaboration and continuous improvement. As a champion of industry standards, strive for excellence in everything I undertake, ultimately driving growth and success in the healthcare sector.

EXPERIENCE

Senior AI Engineer January 2023 - Present
Innovative Data Solutions *Chicago, IL*

Lead a dedicated team focused on creating innovative AI-driven solutions tailored for clients in healthcare. Drive initiatives to optimize clinical workflows, leveraging advanced machine learning techniques to ensure operational excellence.

- Craft highly effective AI solutions for enhanced patient care and outcomes.
- Foster collaboration across multidisciplinary teams for integrated algorithm design.
- Mentor emerging engineers, promoting an environment of mutual learning and improvement.
- Ensure project adherence to industry best practices and compliance.

AI Solutions Architect May 2018 - December 2022
NextGen Analytics *San Francisco, CA*

Designed impactful AI models, significantly elevating healthcare data interpretation. Cultivated robust relationships with stakeholders to ensure alignment between AI initiatives and broader business objectives.

- Spearheaded integration of clinical data in AI frameworks, promoting robust decision-making.
- Aligned AI use cases strategically with organizational objectives and patient outcomes.
- Optimized processes through compliant RAG pipelines to support regulatory requirements.
- Drove engagement with stakeholders to clarify needs and align developments effectively.

Machine Learning Engineer June 2016 - April 2018
HealthTech Innovations *Austin, TX*

Contributed to cutting-edge machine learning algorithms aimed at improving healthcare operation predictions. Worked side-by-side with data scientists to boost trend analysis and model performance.

- Enhanced predictive analytics in healthcare by refining existing methodologies.
- Collaborated closely with teams to interpret healthcare trends for improved insights.
- Streamlined deployment of AI solutions with MLOps, enhancing operational productivity.
- Played a pivotal role in fostering a data-driven culture.

LEADERSHIP & AWARDS

- Recognized as Employee of the Month at Innovative Data Solutions for pioneering a successful AI implementation project.
- Awarded Best Team Collaboration at NextGen Analytics for effective stakeholder engagement and project management.

EDUCATION

Bachelor's Degree in Computer Science 2016
University of Michigan GPA: 3.8 *Ann Arbor, MI*

Coursework: Software Design, Data Structures, Algorithms, AI Fundamentals

CERTIFICATIONS

- Certified AI Practitioner (CAIP) 📅 2021
- AWS Certified Machine Learning – Specialty 📅 2022

TECHNICAL SKILLS

- **Machine Learning Tools:** TensorFlow, PyTorch, Scikit-learn
- **Data Visualization Tools:** Tableau, Power BI, Matplotlib

- **MLOps Technologies:** Docker, Kubernetes, Jenkins
- **Healthcare APIs:** FHIR, HL7, DICOM
- **Programming Languages:** Python, R, SQL
- **Version Control:** Git, GitHub, Bitbucket
- **Statistical Analysis Tools:** RStudio, SAS, SPSS
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud
- **Collaboration Tools:** Trello, Jira, Slack

SKILLS

- AI and Machine Learning
- Data Analysis and Visualization
- MLOps and Model Governance
- Healthcare Systems and Workflows
- Stakeholder Engagement
- Algorithm Development
- Model Optimization
- Project Management
- Statistical Modeling
- Deep Learning Techniques
- Clinical Workflow Automation
- Predictive Analytics
- Compliance Standards
- Data Processing
- Cross-Functional Collaboration

PROFESSIONAL AFFILIATIONS

- Active member of the Healthcare AI Consortium, collaborating with experts in the field.
- Volunteer mentor for local coding bootcamp, empowering future developers in AI applications.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST