

# Finn Robles

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## SUMMARY

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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

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### 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

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- 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

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### 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

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

## TECHNICAL SKILLS

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- **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**

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

**PROFESSIONAL AFFILIATIONS**

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- 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**

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- English (Native)
- Spanish (Proficient)

**ADDITIONAL INFORMATION**

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

**REFERENCES**

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AVAILABLE ON REQUEST