

# ANDREW DONNELL

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## EXPERIENCE

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### **Ladder Life — Staff Software Engineer**

*Aug 2024 - present*

- Launched 2 new underwriting evidence providers including comprehensive monitoring plans to ensure smooth implementation and ongoing system reliability
- Improved accelerated offer rates 20% by designing and implementing new model transformation logic
- Successfully drove the execution of over 15 new features to improve Ladder's underwriting workbench, addressing long-standing pain points
- Mentored a team of engineers and worked with product leaders to define scope, set technical direction, and plan projects

### **Ladder Life — Senior Software Engineer**

*Aug 2022 - Aug 2024*

- Simplified partner payment attribution model based on comprehensive analysis and a database-backed attribution solution to reduce spend by 30% while improving partner data quality
- Led the design of a new partner data stack which slashes weekly maintenance costs from 10 hours to less than 1 hour
- Developed a monitoring plan for partner data stack rollout to ensure ongoing data consistency
- Led cross-functional projects to increase primary care physician disclosure rates by 11% and to understand the impact of behavioral data on mortality risk
- Orchestrated technical workshops to rapidly onboard new engineers into the mortality space

### **Ladder Life — Software Engineer**

*Nov 2020 - Aug 2022*

- Developed and integrated data ingestion paths for external platforms, giving internal stakeholders a more holistic view of the data
- Led the development of scalable data-sharing processes for key business partners, ensuring seamless data exchange
- Architected a flexible and automated solution enabling the BD team to customize traffic flows per-partner, increasing operational efficiency and reducing engineering time spent

### **Reformed University Fellowship**

*June 2019 - May 2021*

- Campus Associate, Stanford University
- Planned and led student activities and studies for a group of 50+ undergraduate students
- Built a network of more than 50 donors to raise \$120k across two years

### **Phenix RTS — Software Engineer**

*Sept 2018 - Jun 2019*

- Designed and built out intelligent log filtering framework to decrease telemetry load from "status" log messages by over 35%
- Delivered analysis on bundle sizing to engineering leads

### **Northwestern University — B.S. Computer Science**

*Sept 2015 - June 2019*