Title: *Full-Stack Software Engineer*

Department: *Research and Engineering*
Location: *100% Remote or Hybrid in Palo Alto, CA (Merly Headquarters)*
Start Date: *Immediately*
Position: *Full-Time Employment*
Salary Range: *$100k & up (based on experience) with stock options*

Job Description:

This role is for a full-stack software and machine learning engineer (i.e., software and ML generalist).

Your role will focus on advancing our flagship product, Merly Mentor, a state-of-the-art code and repository reasoning system. You will help design and develop critical software components of Mentor. You will interact and collaborate with world-class engineers and scientists, many whom were trained/teach at Stanford, MIT, Penn, etc.

Main functions/responsibilities:

Your role will principally involve **writing production-quality C++ and JavaScript** code for Merly Mentor. You will work to *(i)* extend its code understanding functionality, *(ii)* increase its robustness, scalability, and user experience, and *(iii)* explore novel future enhancements. Experience in Go, Python, and Rust is a plus.

You may also have the opportunity to assist with Mentor's general framework, such as the development of test harnesses, automated build aspects, deployment frameworks, new language support, advanced UI, etc.

Requirements:

- Energetic, intellectually curious with growth mindset and passion for fast-paced startups
- Self-starter who can function autonomously and thrives in challenging and world-class environments
- Outstanding written, spoken, and visualization communication skills
- Excellent software and ML design and implementation skills
  - 3+ years of C/C++ and JavaScript programming experience
  - 2+ years of experience with CSS, React, and HTML
  - Real-world experience developing large-scale software system (1+ million LoC)
- B.S. & M.S. in computer science / engineering or equivalent field

About Merly:

Founded in 2022, Merly builds AI software systems to help developers build better software, faster. Our machine programming (MP) systems perform inference across entire software lifetimes and generalize across 15 programming languages. Our first product is already used by thousands of software developers from companies like Apple, IBM, Intel, and CNCF. Merly is VC-backed by investors from Greycroft, IBM Ventures, and JAZZ VP.

About Merly's Founder and CEO:

Justin Gottschlich is the Founder, CEO, and Chief Scientist of Merly, Inc. Previously, Justin was a Principal Scientist and the Founder & Director of Machine Programming Research at Intel Labs and an Adjunct Assistant Professor at the University of Pennsylvania. While launching Merly in 2022, Justin also joined Stanford University, where he teaches *Machine Programming* and advises PhD students in MP, PL, and ML. Justin received his PhD in Computer Engineering from the University of Colorado-Boulder in 2011. He has 40+ peer-reviewed publications, 100+ issued patents, with 100+ patents pending. Justin and his collaborators' research have been highlighted in venues like The New York Times, Communications of the ACM, MIT Technology Review, and The Wall Street Journal.

Contact:

Please send your resume/CV to careers@merly.ai.