darren angle
AI & ENGINEERING LEADER

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910-539-2453
References upon request.

EXPERIENCE

PRISM BIO - HEAD OF AI, STAFF SOFTWARE ENGINEER
MAY 2023 - PRESENT

Led build out of Generative AI capabilities from scratch across top 5 pharma clients

- Discovered Alzheimer's treatment hypotheses at Genentech with automated NLP pipeline (NeurIPS '23)
- Sped up drug target reporting 20x at JnJ with LLM-powered analysis and visualization web app
- Shipped "Knowledge Finder" web app: privately deployed document search and chat for JnJ, NYU, Merck
- Fine-tuned proprietary language models for clinical trial prediction, code generation, and report writing
- Tech: React, Typescript, Node.js, Python, Pytorch, Scikit, Postgres, Rust, AWS, Airflow, Kafka

SHOPIFY - LLM CRAFT LEADER, LEAD SOFTWARE ENGINEER
MAY 2022 - MAY 2023

Technical Lead / Advisor to nearly all of Shopify's large language model projects

- Saved $7-10M/mo in labor and admin costs by rewriting Shopify Help Center web app to utilize LLMs
- Unified Shopify's total internal knowledge across 40+ teams with a single NLP extraction pipeline
- Taught Shopify how to use language models by running multiple, cross-discipline workshops and talks
- Managed and mentored team of 8 software engineers, ranging from junior to senior
- Tech: Typescript, React, MySQL, Kubernetes, Python, Pytorch, GCP, Kafka, Ruby on Rails

DINA - SOFTWARE ENGINEERING LEAD
APRIL 2021 - MAY 2022

Led engineering and data science projects to improve at-home care for patients across the US

- Reduced hospital readmissions 75% at Bayada by shipping Health Scorecard ML model and web app
- Signed multi-million dollar deal with Redeemer Health by executing multiple complex data integrations
- Decreased Dina's hospital systems sales cycle 30% by securing patient record integrations w/ Epic, Cerner
- Brought Dina into HIPAA compliance by migrating all web and data applications into private clouds
- Tech: Angular, NestJS, React, Typescript, Terraform, AWS, BigQuery, Postgres, Python, Elasticsearch

CASECHEK - SOFTWARE ENGINEERING LEAD
MAY 2018 - APRIL 2021

Built web, mobile, and analytics applications used in surgeries nationwide, managing a team of 5

- Achieved HITRUST, SOC2, and HIPAA compliance via multi-app cloud migration with 0 downtime
- Scaled Casechek front-end and backend applications to manage over 2M surgeries
- Achieved 100% automated end-to-end test coverage across all applications as automated testing SME
- Tech: Angular, NestJS, Typescript, React Native, Flutter, PHP, Postgres, AWS, Docker, Elasticsearch

FREELANCE - SENIOR SOFTWARE ENGINEERING CONSULTANT
JULY 2016 - MAY 2018

Full stack web development. Clients include: Google, Corona USA, Patak's, Starbucks, Chamberlain Group.

UPSHOT - DIRECTOR OF DIGITAL, WEB DEVELOPER
AUGUST 2014 - JULY 2016

Managed the 20-person Digital Department and all engineering initiatives for a Chicago marketing agency. Built evergreen brand websites, digital advertising, distributed kiosks, and supporting backend systems for Corona USA, Modelo, Starbucks, Kraft Foods, Google, P&G, Nuveen Investments, Omron, Subway

EDUCATION

SEEKING

BROWN UNIVERSITY
MFA Literary Arts, Poetry

MACALESTER COLLEGE
BA English, Poetry

Engineering and leadership roles working with AI and building distributed systems at scale.