



# Logan Harless

## EDUCATION

**The University of Texas at Dallas (UTD)** B.S. Mechanical Engineering Aug. 2016 - May 2020  
SAT Reading and Math: 1590 ACT Composite: 35 GPA 3.98/4.00

**The University of New South Wales (UNSW)** Sydney, Australia Aug. 2018 - Nov. 2018  
HD WAM in engineering faculty (Equivalent of 4.0 GPA)

## EXPERIENCE & PROJECTS

**Nourish** - *Founding Engineer & First Full-time Hire* Jan 2022 - Present

- Full-stack engineer at YC-backed stealth startup (Node, Typescript, Postgres, Prisma, React/MUI, Heroku)
- Express API and backing data architecture automating care for 3000+ monthly patient visits
- Frontend (and BE) for custom EHR (Electronic Health Record) for clinicians, administrators & patients

**Credera** - *Software Developer/Technical Consultant, Open Technology Solutions* Sep. 2020 - Jan 2022

- Full-stack engineer working with Java/Spring, React/MUI, Typescript, Apache Kafka, AWS & more
- Owner of key components migrating architecture for ~\$20 billion revenue retailer to AWS-hosted Kafka
- Identified and implemented streaming optimizations; including reducing data consumption as much as 20x
- Primary frontend developer of central analytics page/marketing tool for ~\$250 billion revenue corp.

**Campus Oven LLC** - *Cofounder & CTO, Strategy/Tech/Product* Feb. 2020 - Jan 2021

- Cofounder of university-focused meal delivery startup. Delivering to multiple DFW area universities
- Designed delivery logistics systems & owned internal and customer facing platforms and analytics
- \$10,000+ in revenue across 3 months of full operations with < 10% of target market present

**Capital One** - *Business Analyst and Product Management Intern* June 2019 - Aug. 2019

- Analyzed implications of consumer credit trends on portfolio-wide loss forecasting (\$57 billion outstanding)
- Used Gradient Boost Modeling, residual analysis and other tools in modeling portfolio-level credit risk

**Nanostructured Materials Lab** - *Texas A&M Aerospace Engineering* May 2018 - Aug. 2018

- 1 of 13 summer undergraduate researchers selected for National Science Foundation's AERO-U program
- Researched novel (no previous literature) wire melt-electrospinning of graphene/polymer composites
- Experimental results and design suggestions led to ordering of new, custom vacuum electrospinning setup

## LEADERSHIP

**180 Degrees Consulting** - *Founder/President* Dec. 2018 - May 2020

- President and founder of UTD branch of the world's largest university-based consultancy
- Contracted 11 clients including Salvation Army, Camp Kesem, and more. Received 230+ applications
- Raised \$3000+ in funding; partnered with firms including Oliver Wyman, BCG, Bain, Credera, McKinsey

**Environmental Conservation Organization at UTD** - *President* Aug. 2017 - May 2018

- Raised \$10,000+ in sponsorships from organizations such as HackDFW and UTD Student Government
- Reclaimed over 1200lbs of pre-consumer food waste by relaunching UTD Food Recovery Network chapter

**UTD Senior Design/Capstone** - *Engineering Team Leader* Aug. 2019 - May 2020

- Sourced \$4,000+ in corporate backing for UTD's nationally recognized capstone program
- Recruited 6-person, multidisciplinary team for automated drone delivery proof-of-concept project
- Completed baseline project requirements 2 months ahead of schedule. Patent pending for prototype design

## AWARDS/HONORS

**Eugene McDermott Scholar** - UTD's flagship scholarship/leadership program, valued \$250,000 - 2016-20

**National Merit Scholarship** - Awarded to 2,500 of 1.5 million eligible students (~0.16%) - 2016-20

**Peter Farrell Cup Semifinalist** - Semifinalist in annual idea/pitch competition at UNSW - 2018

**Harvard Business School Peek Weekend** - Selected for highly competitive MBA preview program - 2019

**Big Idea Competition Finalist** - Finalist (top 3) in UTD pitch competition (\$100,000+ in prizes). - 2020

## ADDITIONAL INFORMATION

**Skills:** Node.js, Java, React/MUI, Typescript, Python, AWS (MSK, Lambda etc.), Python, GBM, PostgresQL

**Languages:** German (fluent), English (fluent), Dutch (working proficiency), Spanish (working proficiency)

**Volunteer Experience:** ~940 hours since August 2016, focus on impact volunteering and sustainability