

experience

Twitter · Product Manager

Remote · June - August 2020

Led product strategy and vision for an advertiser-facing coupon system, allowing the company to frictionlessly activate 70MM+ small business customers to meet company-wide OKR for increased revenue durability. Drove the redesign of a fraud detection system to save the company \$20MM+ annually. Shipped a feature to increase usability of profiles for 25MM+ daily users with accessibility and data sensitivity concerns.

Hudl · Product Engineer

Boston, MA · June - August 2019

Developed and shipped a new user experience on iOS/Android for smart camera installation to help scale product from 200 unit beta to 2,000+ unit launch, while reducing support interactions. Defined success metrics, launched A/B tests, and conducted qualitative & quantitative user research to validate design decisions. Created proof-of-concept for converting 2D basketball video to a 3D VR model with deep learning. [React Native · Redux · Python · mongoDB]

Campus Enterprises, LLC · Design, Growth, and Data

Durham, NC · April 2018 - Present

Led four divisions of a student-run company that generates ~\$350,000 in revenue annually; increased division revenue from ~\$50,000 to ~\$70,000 over the previous fiscal year. Launched multiple new profitable divisions. Created company-wide data analytics infrastructure and design assets, including web presences, photography, logos, and more. [React · Gatsby.js · Redash · SQL]

Under a Rock · Founder

Durham, NC · August 2018 - June 2019

Designed and built a service to help 2,300+ users keep up with important breaking news through machine learning-generated summaries and visualizations — received Duke's top entrepreneurship fellowship, with funding & mentorship. [Python · Flask · NLTK · Vue.js · d3.js · PostgreSQL]

Duke Reporters' Lab · Software Developer

Durham, NC · January 2018 - Present

Developed scraper that sends email newsletter of the most fact-checkable political tweets to journalists, which has led to 10+ articles in The Washington Post and other national publications — won Best Project at the Duke Computer Science Showcase. [Python · Ruby on Rails · PostgreSQL]

Morningstar, Inc. · Software Engineer

Chicago, IL · June - August 2017

Created a full-stack management app for administrators to ease the process of updating permissions for an API that receives 8+ million hits daily, eliminating a recurring spring ticket. [ASP.NET MVC · C# · Knockout.js · SQL Server]

skills

Languages: JavaScript, TypeScript, Python, Java, R, C#, SQL, HTML, CSS, Sass
Libraries & Frameworks: React, Vue, Bootstrap, jQuery, Flask, pandas, scikit-learn, numpy, scipy
Tools: Git, Firebase, mongoDB, AWS, Redash, Figma

education

Duke University 2017 - 2021 · Durham, NC

B.S. Computer Science, minors in Music and Economics, certificate in Decision Sciences
GPA: 3.43

Honors: Scholastic Arts and Writing National Gold Medalist, Published in *The Best Teen Writing of 2015* (one of 63/300,000+ submissions)

Activities: Small Town Records (drums/guitar/bass/production), Ski & Board, Kappa Sigma