

Will Towle

Software Engineer
New York City



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Experience

Precisely

NYC | Remote

Jun. 2023 - Present

Platform | [Software Engineer](#)

- Design, build, and monitor 10+ core, high-traffic microservices that are key components of a SaaS offering trusted by Fortune 100 companies
- Lead the full software development lifecycle for two RESTful, event-aware production services
- Combined and re-implemented the functionality of two foundational legacy microservices to ensure FIPS compliance while enhancing maintainability
- Navigate and contribute to a mature, extensive codebase leveraging technologies such as Go, TypeScript, Java, MongoDB, Kafka, Docker, Kubernetes, and AWS

May - Aug. 2022

Full-Stack | [Software Engineer Intern](#)

- Integrated third-party software into existing Angular infrastructure for UX tracking and analytics
- Facilitated the formation of a data-driven UX team by providing actionable insights through enhanced tracking

Projects

[GitHub](#)

Parkn | [Go/Mongo/Twilio/Google Vision](#)

- Processes street cleaning sign images and sends automated reminders to users, helping them avoid parking tickets
- Integrates with Twilio SMS to process parking sign images using Google's Vision API and persist structured data in MongoDB

In active development

ThanksCrowd | [Python/SQLite/PyTorch](#)

- Identifies significant increases in positive discussions to capitalize on potential buying opportunities
- Combines a BERT-based sentiment analysis model and real-time Reddit scraping to drive quantitative investment decisions

Education

Davidson College

Davidson, NC

Class of 2023

Bachelors | [Magna Cum Laude](#)

- GPA: 3.8, Major: Computer Science, Minor: Mathematics
- Extracurriculars: Grader in 200-level CS course, Hall-Counselor in first-year dormitory, Writing Fellow

London School of Economics

London, England

Summer of 2021

Summer Classes | [Alternative Investments and Analysis of Financial Risk](#)

Skills & Interests

- *Languages:* Go, Python, Java, C, TypeScript, HTML, CSS
- *Technologies:* AWS, MongoDB, Kafka, Kubernetes, Docker, Helm
- *Interests:* Running, snow skiing, travel, guitar, film and television, reading, Rubiks Cube