

# CAMERON ALBERG

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## EXPERIENCE

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*Flexport* ([www.flexport.com](https://www.flexport.com))

Chicago, IL

### Software Engineer II

December 2022—April 2024

- Architected and implemented a microservice (Kotlin/Spring Boot) that ingested cost data from multiple sources concurrently, standardizing and providing data via gRPC to internal services for planning optimization and bill auditing. Engineered for high availability & low latency to support 900k+ daily requests.
- Reduced document digitization times by 99% (days to minutes) by developing an automated document parsing framework, supplemented with LLM tech to normalize document info based on business context.
- Mentored junior engineers, advising on system design and software engineering best practices.
- Acted as a subject matter expert for ocean freight costing, managing stakeholder relationships and leading offsites to define product roadmap and key deliverables.
- Built integrations for ingesting real-time cost data from external vendors through API and EDI connections.

*Insight Innovation Center - Nemera* ([www.insightpd.com](https://www.insightpd.com))

Chicago, IL

### Senior Development Engineer

May 2020—Dec 2022

- Technical engineering lead for multiple commercial drug-delivery and medical devices, creating prototypes and developing them into fully realized designs for commercial production.

### Development Engineer

July 2018—May 2020

- Developed internal software (Python/Pandas) to for tracking 3D printer usage and part costs.
- Communicated with clients regularly to provide progress updates, technical reports and presentations.

*Intelligent Flying Machines, LLC* ([www.onetrack.ai](https://www.onetrack.ai))

Chicago, IL

### Robotics Engineer

June 2017—July 2018

- Designed and developed hardware and software for the 1<sup>st</sup> generation of OneTrack – AI-powered cameras that integrate with forklifts to provide real-time information on warehouse operations and safety.

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## EDUCATION

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### Georgia Institute of Technology

M.S. in Computer Science, 2024

### University of Illinois at Urbana-Champaign

B.S. in Engineering Mechanics, 2017

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## RELEVANT TECHNOLOGIES

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**Languages:** Python, Kotlin, Java, C, SQL, Javascript/Typescript, HTML, CSS

**Tools:** OpenSearch, REST, gRPC, Kinesis, AWS, Heroku, Postgres, Redis, Github CI/CD, Docker, K8s

**Frameworks:** Django, Spring Boot, VueJS

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## RELEVANT PROJECTS

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### Chicago Transit iOS App ([github.com/cameronalberg/chiTransit](https://github.com/cameronalberg/chiTransit))

- Developed a bus/train tracking app (Swift/SwiftUI) that utilizes Live Activities to display arrival information on the lockscreen and Dynamic Island, as well as an embedded map that surfaces nearby stops.
- Provides automatic arrival updates every minute using stateless backend services (Typescript / Firebase Cloud Functions) with persistence (Firestore) and message queues (Google Cloud Tasks) for scheduling.