KYLE STAUB

(719) 502-6878
kylestaub3@gmail.com
github.com/kstaub
kstaub.github.io

I am a back-end distributed systems engineer specializing in developing production-grade, real-time, operations-critical software. I am an engaged, collaborative team member, with a learning mindset and a positive attitude. I aim to contribute to data-driven solutions to interesting problems. My interests live in the intersection between machine insights, data pipelining, task automation, and the public good.

Experience

02/18 – Present
Software Developer II
FedEx Services

- Design and implement operations-critical back-end Java services, providing global FedEx Express operational systems real-time and batch data
- Modernize existing applications toward service-oriented and cloud-native architectures while improving reliability
- Collect and analyze event data to provide near real-time or historical operational and business insights
- Develop and document shared continuous integration and delivery library to automate builds and deployments to a variety of infrastructures

03/16 – 01/18
Constituent Advocate & Intern Program Coordinator
U.S. Senator Michael F. Bennet

- Design data cleansing protocols and quality assurance metrics to improve analytic capability of internal reports within the office's case management system
- Hire, train, manage interns and internship program

Education

01/19 – Present
Master of Liberal Arts in Data Science
Harvard Extension School
Expected graduation date: December 2022

08/10 – 05/14
Bachelor of Arts in Philosophy
University of Colorado Boulder
summa cum laude

Technical Expertise

- Java, Python, JavaScript
- Git, Linux, Docker
- Bash, Groovy
- Kafka, JMS, Redis, Tomcat, Solr
- REST, CRUD, Streaming, CLI
- Hadoop, RDBMS, NoSQL
- Cloud platforms, virtual machines

Engineering Skills

- Distributed, back-end, real-time
- Business oriented design
- Data science, data pipelining
- 24/7 production operations
- Metrics, monitoring, performance analysis
- Clean, iterative code

Soft Skills

- Logic, analysis, critical thinking
- Patient communication
- Technical documentation
- Knowledge sharing, teaching
- Prioritization, planning

Interests

- Real-time data processing
- Event-driven machine learning
- Task automation and productivity
- Software's utility in promoting public welfare and common good
- Political philosophy; the information age and democratic institutions
- Ethics; data privacy, disinformation, the proper application of artificial intelligence
- Meditation, biking, reading, writing, running, music, games