

Therese M. Diede

San Francisco, CA | 408.507.8118 | tdiede@gmail.com

I enjoy building products that people and companies love to use. I'm happiest working on a team of driven engineers with whom I can grow and collaborate to address business challenges. In my next role, I'm looking for an exciting opportunity to contribute my skill set, background, and interests to solve complex problems.

LinkedIn: [linkedin.com/in/theresediede](https://www.linkedin.com/in/theresediede)

GitHub: github.com/tdiede

Portfolio: theresediede.com

TECHNICAL SKILLS

- Golang, Clojure, Python, JavaScript
 - REST, Thrift, gRPC, Kafka, Elasticsearch
 - SQL, MongoDB, Hive/Presto, Datomic
 - AWS, Docker, CI/CD, Terraform, Vault, Consul
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PROFESSIONAL EXPERIENCE

Uber | Software Engineer | San Francisco, CA Oct. 2018 - Present

- To bolster confidence in Financial Data quality, worked on team to build, maintain, and scale our *uDelta* service to validate P0 metrics, notifying data engineers of incidents and catching outages before users who conduct business-critical financial analysis presented to execs.
- Owned the cross-team collaborative effort with Uber's Safety Data team to identify gaps in existing data quality tools org-wide, and designed solutions to onboard additional use cases, such as constant-value checks.
- Implemented access controls to secure Hive schemas for data retrieval by teams across the company.
- Wrote pipelines for data scientists to perform financial planning, and pipelines to meet urgent compliance data reporting requirement by city regulators.

Starcity | Software Engineer | San Francisco, CA Jan. - Oct. 2018

- Developed a payments processor with Stripe in Clojure using Datomic database and GraphQL, working closely with CTO and anticipating growth in co-living communities to > 800 units by end of year.
- Migrated our Clojure stack from Linode (VPS) to AWS ECS using Terraform to improve reliability, availability.

August Home | Software Engineer, Intern | San Francisco, CA Apr. - Oct. 2017

- Decoupled existing notifications into backend SMS-processor service utilizing Node, RabbitMQ, Twilio API, modernizing to ES6, sending to 1 million smart lock users. Monitored SMS success rates plugged into Grafana.
- Deployed to AWS with autoscaling on multi-container Docker instances, tested with Jenkins automated builds.

WARE Associates | Structural & Architectural Detailer | Oakland, CA Apr. 2015 - Dec. 2016

Coordinated construction of \$6 million custom high-end residence, responding to contractor RFIs within 24 hours.

Skidmore, Owings & Merrill | Architectural Designer | San Francisco, CA Nov. 2014 - Mar. 2015

Produced Revit BIM construction documents (drawings, schedules, specs) for 3-building VA Hospital seismic retrofit.

Rowan Technology | Lead Cartographer & 3D Visualization Artist | New York, NY Jul. 2013 - Oct. 2014

Created 500+ maps for interactive textbook concurrently used by West Point cadets in military history course in <9 months.

EDUCATION

M. Architecture & M.S. Urban Planning, *Columbia University*

Relevant Coursework: Thesis on Bike Sharing Systems and Cognitive Mapping, GIS, BIM, Parametric Design, Pudelma

Bachelor of Arts in Sociology and Environmental Science, *Tulane University*

ENRICHMENT

200-Hour Certified Yoga Teacher | Hot Spot Yoga, offering donation-based classes by Lake Merritt 2019 - Present

Improv Performer | All Out Comedy Theater, completed all 5 courses, joined troupe, on stage monthly 2018 - 2019

The Town's Half Marathon (Oakland) | 13.1 miles completed in PR time 2:29:11 Aug. 2016 (2018)

Sonoma County Backroad Challenge | metric century bike ride of 66 miles with 4K feet elevation gain May 2015