Todd Sifleet

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> I am a technical leader with a track record of building and leading teams that deliver high value solutions on time. While at Uber I was the founding tech-lead of multiple teams: configuration and automation, product platform, autonomous vehicle (AV) operations, and AV map quality. I am a proven problem solver, leader, mentor, and learner with an innate ability to work on a myriad of projects while delivering results and inspiring confidence.

Uber ATG 🔗

Senior Engineer II: Dec 2016 - Present

AV Map Quality Systems

- Founding tech-lead – with the mission of building platforms and tools to support the delivery of AV maps.
- Built and launch a map defect management system – **identifying and resolving map related autonomy issues.**
- Built and launch a map validation platform – **validating map-data throughout the build process.**

Robot Operations

- Founding tech-lead – with the mission of building platforms and tools to support the operation of our AV fleet.
- Built and launched a platform to manage our autonomous fleet – **improving vehicle and operator efficiency.**
- Built and launched a realtime autonomous vehicle analytics platform.

python * golang * javascript

Uber 🔗

Engineer II / Senior Engineer: May 2014 - Dec 2016

- Led the rebuild of the entire product platform supporting all trips – **enabling custom products across the globe.**
- Built and launched a **patented** *trip rewind* feature – **generating 200M+ in revenue.**
- Built and launched a bulk action tool – **scaled to 1B+ actions per month.**
- Built and launched a single page app platform – **scaled to 100+ applications.**

python * golang * javascript

Sermo 🔗

Engineer: May 2013 - May 2014

- Updated and scaled **sermo.com** to support an international expansion – **increasing our available market.**
- Updated our entire codebase to support Internationalization – **supporting 20+ languages.**
- Redesigned all user facing aspects of the platform – **increasing user engagement.**
- Migrated from mysql to postgresql – **satisfying new regulatory requirements.**

ruby * javascript

Athena Health 🔗

Engineer: Aug 2011 - May 2013

- Built and maintained custom integrations with third party vendors – **supporting 1000+ custom integrations.**
- Built and launched an XML framework to support data interoperability – **satisfying new regulatory requirements.**
- Built and launched a multi-tiered XML testing framework – **allowing us to deliver integrations more quickly.**

perl * javascript

Additional Work

- **doubles** – A Python package I maintain that provides test doubles for use in automated testing.
- **equals** – A Python package I built that provides equality objects for testing with doubles or mock.

Education

- **Georgia Institute of Technology** – Master of Science Mechanical Engineering (focus: **mechatronics**)
- **Union College** – Bachelor of Science Mechanical Engineering (minor: math)