

Colin Schoen

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EXPERIENCE

UBER

Senior Software Engineer, March 2021 - Present

- Led a group of four engineers to migrate all consumer Postmates services to Uber. This work directly contributed 500k+ net new orders per year for Uber Eats.
- Designed and implemented all backend changes to support the redesigned Uber Eats pickup order tracking experience.
- Built an external ordering API for use by a charity, [Bento](#) (Not Impossible Labs). This has delivered 5,000+ meals to those in need.

POSTMATES

Software Engineer, Sep 2019 - March 2021

- Designed a unified, passwordless sign-in and sign-up consumer authentication flow. Built the backend and web client implementation.
- Implemented backend and web client support for guest cart creation in the consumer Postmates app.
- Authored the Vehicle Profiles RFC. Built tooling to import the NHTSA vehicle database and expose a courier's vehicle in the consumer application.
- Built an API translation layer for the Postmates Developer API to serve all inbound Olo (delivery aggregator) orders.
- Served on a team of two which successfully migrated all consumer services from AWS to GCP in two months.
- Redesigned the consumer org onboarding process and led 5+ new hire onboarding sessions.
- Mentored multiple interns and new hires. Defined and scoped project ideas, conducted code reviews and provided constructive feedback.

YELP

Software Engineer, Jul 2018 - Sep 2019

- Designed and built a system to proxy a distributed system's service dependency network traffic, generate reusable stubs and replay these stubs, reducing the number of service dependencies required for future test runs. Directly reduced flake and runtime metrics by >50%.
- Rolled out Envoy as an internal application proxy.

UNIVERSITY OF CALIFORNIA BERKELEY

Undergraduate Student Instructor, Apr 2015 - Jul 2018

- Built a web application to manage and schedule the course's 200+ lab assistants. Now actively used by 5+ courses.
- Built a new web-based GUI for the Ants project, allowing students to visually play their game compared to the text based alternative.
- Taught two 30 student lab and discussion sections for students with and without prior programming experience.

SIMPLE MACHINES FORUM

Lead Developer, Mar 2017 - Jul 2018

- Led a team of multiple staff developers and dozens more community contributors.
- Owned the release process of new SMF versions.
- Served as a technical authority on code reviews and design decisions.
- Served as a director on the 501c not-for-profit Simple Machines Board of Directors.

GOOGLE

Software Engineering Intern, May 2016 - Aug 2016, Jul 2017 - Aug 2017

- Added experimentation support to an existing Google service to support multivariate experiments, gradual launches, roll-outs and hold-backs.
- Implemented tooling to facilitate faster testing of Google App Engine.
- Added additional capabilities to Skylark's testing framework.

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Computer Science (May 2018)