Ryan Barner

rbarner14@gmail.com | ryanbarner.com | github.com/rbarner7 | linkedin.com/in/ryansbarner

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SUMMARY

Back-end software engineer and former finance and engineering operations data analyst. Excited about the opportunities ahead as I grow in my career. Passionate about building sustainable products that grow businesses.

TECHNICAL SKILLS

Languages: Python, JavaScript ES6+, SQL, AJAX, HTML5, CSS3, JSON, Italian
Frameworks/Libraries: Flask, Marshmallow, React, jQuery, Bootstrap, Jinja, SQLAlchemy, Pandas, NumPy, scikit-learn
Database/Industry Tools: K8s, DynamoDB, PostgreSQL, AWS, Git, GitHub, Superset, Tableau, *nix command line

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PROFESSIONAL EXPERIENCE

Lyft | Software Engineer   **Jun 2019 – Present**
- Generated $56k in revenue by implementing a new rider incentive: Roundtrip Take-to-Get.
- Implemented and spec'd Lyft's a new form of rider incentive: Bundled Offers. This gave Lyft a more concrete way to validate the theory that users prefer to buy rides in bulk and unlocked coupon experimentation with variables.
- Created bulk refunding functionality on the Identity team that saved the company millions of dollars and shortened case resolution time for customer support agents from 30 minutes to 2 minutes. Built front and back ends.

Lyft | Autonomous Vehicle Engineering Operations Analyst   **Aug 2018 – Jan 2019**
- Built and maintained multi-million-dollar budget for all autonomous vehicle (AV) ops (hardware, software, testing, open-platform, and marketing) across Lyft's six national and international AV locations.
- Successfully pitched AV's 2019 budget proposal to CEO, CFO and FP&A Directors. Equipped executives with financial and operational data, dashboards, and decks I built for board meetings and hiring and product decisions.

Lyft | Financial Data Analyst   **Apr 2016 – Aug 2018**
- Built infrastructure for internal and external teams for Lyft's global growth and retention strategies, including ride and incentive rate setting, budget creating and revenue projecting cross-functionally.
- Shortened accounting month-end close for four GL accounts from 27 days to three days by automating reconciliation of data sets from Lyft's payment providers and vendors in SQL. Solved and prevented millions of dollars in fiscal loss in products with tools I built in SQL that audited engineering teams' business code logic and tests.

PERSONAL PROJECT

ProTag | WhoProduced.org

Music almanac that leverages the Genius API. With interactive D3 and Chart.js data visualizations, users are given an innovative way to explore the creation of their favorite music and artists. Users can quickly deduce artists' production and performance patterns via a k-means machine learning algorithm. 83% Test Coverage.
Tech Stack: Python, JavaScript, AJAX, HTML5, CSS3, JSON, SQL, Flask, jQuery, Bootstrap, scikit-learn

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EDUCATION

- **Hackbright Academy**, 12-week full-stack software engineering program
- **University of Southern California**, B.A. Economics, Business Law Minor
- **Universitá Cattolica del Sacro Cuore**, Semester abroad in Milan, Italy

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HONORS AND AWARDS

- **Employee of the Fortnite** | Lyft   **Jun 2020**
- **Phenomenal Woman Scholarship** | Hackbright Academy   **Jan 2019**
- **Marathon Finisher** | San Francisco Marathon   **Jul 2017**