MIKAEL WEILL

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TECHNOLOGIES AND LANGUAGES

- Languages: JavaScript, HTML, CSS, SQL, Python
- Technologies: React, Next.js

PROJECTS

- Developed an invitation card builder using Next.js/React.
- Built a website that allows users to search and save their favorite movie using an API fetching IMDB's data.
- Created a Chrome extension that leverages Open AI API to create a joke based on the prompt the user provides.

EXPERIENCE

Meta, Senior Data Scientist, Menlo Park, CA   April 2019 – Present
- Contributed to the codebase by developing features to the community messaging group debugging feature using React and PHP.
- Attributed impact of various projects to org level metrics through causality analysis by using matching algorithms.
- Contributed an additional 40% of our topline metric target (new CP accounts) by identifying better ways to attract talent on career sites.
- Identified and prioritized the release of critical features for Messenger Web on Facebook.com re-design to lower the regression on our top line metric by 10 percentage points.
- Unblocked the launch of a cross-platform library for messaging by analyzing an imbalanced experiment and simulating a worst case/best case scenario to gauge whether shipping was viable.

Reputation.com, Data Analyst, Redwood City, CA   April 2018 – March 2019
- Explored relationship between online ratings, patient surveys (HCAHPS) and financial metrics for hospitals
- Developed a tool to alert changes in review frequency per sources
- Created benchmarks to check how requesting system per tenant is doing

Hertz, Fleet Portfolio Analyst, Estero, FL   March 2017 – April 2018
- Developed a simulation to support a fleet optimization methodology saving the company $60M yearly
- Built new version of in-house optimization model to predict fleet needs for the next 5 years for financial reports
- Researched regional demand to evaluate a new unconstrained forecast methodology

EDUCATION

Scrimba | Frontend Developer Career Path Certificate (77 hours)
Georgia Institute of Technology | MS in **Operations Research**
University of Florida | BS in **Industrial and Systems Engineering** + BA in **Mathematics**