

Joseph Agnelli

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San Francisco, CA

Experience

Front End Engineer (Growth)

Meta • San Francisco, CA

01/2021 - 11/2022

- Led over 20 growth experiments (A/B tests) from Figma designs and alignment through implementation, execution, and data review with cumulative estimated impact of >1% increase Ads Manager in revenue.
- Tested hypotheses with data analysis and communicated experiment results to inform decisions about which features should be shipped.
- Made decisions between various solutions to complex technical problems surrounding extensibility, speed of execution, performance and other concerns.
- Upheld code quality standards on one of the world's most complex React applications (Meta Ads Manager) with bug fixes, code cleanups, and automated tests.
- Mentored an intern for 12 weeks, giving them timely, actionable feedback to improve their communication and technical skills.

Front End Engineering Intern

Meta • Menlo Park, CA

01/2020 - 04/2020

- Developed static code analysis VSCode plugin, using TypeScript, that links test-ids to components, allowing developers to debug test failures more quickly.
- Introduced a codemod to Facebook's Babel compiler configuration which strips test-ids in production, lowering package sizes and mitigating harm from web scrapers.
- Developed a series of other codemods to fix common mistakes across the entirety of Facebook's web platforms

Software Engineer Intern

Uber • San Francisco, CA

05/2019 - 08/2019

- Introduced parallelization to improve the Babel & Webpack compilation performance of the open source JavaScript framework FusionJS by ~2%.
- Automated a data visualization script, using GitHub Actions to track FusionJS compilation speed improvements - helping to prevent regressions.

Android Software Engineer Intern/ Contractor

PatientKeeper • Waltham, MA

05/2018 - 04/2019

- Independently delivered features on a native Android application (Java) that is used by 100+ physicians and impacts the lives of thousands of patients
- Wrote and deployed an in-house web app capable of performing ETL (extract, transform, load) operation on a large set of data to prepare it for use on the mobile app.

Skills

React, JavaScript, TypeScript, Java, Communication, Problem Solving, Data Science, Data Visualization, REST, Test Automation, Git, Mercurial, NPM, Yarn, Webpack, Babel, Python

Education

Web and Mobile Computing & Human Centered Computing

Rochester Institute of Technology • Rochester, NY

12/2020

Dual Major, Dean's list all semesters, Vice President of LocalHost (tech-talk club), Rock Climbing Team