

Andrew Mahon
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Experience

Affin 2

May 2022 - Present | **Engineering Manager** | San Francisco, CA
Managing 10 front-end engineers for Affin.com team.
- Led a team of 12 engineers to direct impact in planning Affin's 2023 roadmap.
- Worked closely with executives both within and outside of engineering to "do".

Affin

May 2021 - Present | **Software Engineer, Tech Lead** | San Francisco, CA
Developing novel financial products that improve lives.
- Architecture and implementation of a search-based system to enable search and delivery beyond across US, Mexico, and Brazil markets.
- Streamlined and reorganized front-end pipeline and backend code formatting, making client feedback compatibility, comparable software architecture patterns.
- Architecture client-based data pipeline to support personalization efforts.
- Explored to build platform for large scale, high-contrast software.
- Built Affin.com in Python, JavaScript, SQL.

Mapillary

March 2021 - January 2018 | **Product Manager** | Menlo, Castron | Distributed
For street view imagery platform that capture and automate mapping using collaboration, camera, and computer vision.
- Architecture and implementation program for map data ingest at US and Puerto Rico markets.
- Specialized in backend tasks to coordinate onboarding and validation data needs to improve machine learning algorithms.
- Identified and launched APIs for 120+ APIs. API to use one of the APIs to make mapping APIs.
- Coordinated software development across multiple of the introduction of Google Maps.

TypeCode

Lead Software Engineer / Founder | Technical Director | New York, NY
Software agency focused on the intersection of design and development. Clients include GE, HRF Media Lab, Google Museum of Modern Art, and Google Algorithmic Diversity.
- Led technical and engineering of 12 person teams to build novel software solutions.
- Worked closely with customers from RFP and contract through to design and deliver solutions.
- Worked with product managers, design and strategy organizations to help plan product strategy.
- Explored to build a wide variety of data-driven, technical requirements, and software architecture.
- Implemented software development tools, frameworks, and processes leading to increased efficiency, autonomy, and productivity by entire teams.
- Led research, selection, and introducing of software development team for select projects.

Architect

January 2017 - June 2014 | **Engineering Lead** | New York, NY
Led engineering for an AWS and on-premise hybrid cloud network.
- Led technical engineering as a head of 4 engineers.
- Managed AWS infrastructure for both development and production using Cloud IAM configuration.
- Architecture and implementation of a hybrid cloud multi-media application.
- Designed and built 17 AWS to move data from legacy databases to new applications.
- Implemented Cloud and Infrastructure project team right to deliver team to carry by a variety of projects/tasks.
- Managed and launched tool leading to guarantee search day stability.
- Worked at TypeCode.

Slated

May 2014 - September 2012 | **Frontend Engineering Lead** | New York, NY
Architect and launched the leading online film review marketplace.
- Architecture and implementation of a hybrid cloud multi-media application.
- Designed AWS Lambda between client and server applications.
- Designed front-end client applications with Python/Flask framework.
- Worked at TypeCode.

HiStack Solutions

2009 - 2013 | **Lead Site Structure Developer** | Houston, TX - Remote
Product planning team for the financial advising industry.
- Led front-end development team and coordinated systems with user trials.
- Built software in JavaScript, HTML, CSS.

Local Projects

2008 - 2009 | **Senior Developer** | New York, NY
Assisting in design agency business strategy, design, and execution for exhibition and experience.
- Worked closely with design and backend teams to specify, identify, identify, and launch a content submission web application for the National 9/11 Memorial Museum.
- Built software in JavaScript, JavaScript, HTML, CSS.

Eyebeam

2007 - 2009 | **Software Development** | New York, NY
Web application development center focused on design and engineering for design and architecture.
- Collaborated with artists and engineers to bring vision of the Eye to life.
- Built software in C++, JavaScript, Java, PHP, CSS.
- Showed project at Sundance in New Frontier exhibition.

Education

Parsons School of Design

2002 - M.A. Design and Technology | New York, NY
- Thesis on structure and construction of exhibition from New York Times web content.
- Communication speech delivered at Learning how to Learn.

Publications

Additional Information
Public: [Medium](#), [Behance](#), [LinkedIn](#), [Architectural Record](#), [NYC](#), [The New York Times](#), [Fast](#), [TechCrunch](#), [Wired](#), [Forbes](#), [Business](#), [NYC](#), [NYC](#), [C++](#), [Java](#), [JavaScript](#), [Python](#), [PHP](#), [MySQL](#), [HTML](#), [CSS](#), [SQL](#)
Achievements: [TechCrunch](#) Being Startup appointment to Take Backcountry Via Parcel; [Ramp](#) & [Mozilla](#) Listing