

# Maximillian Einstein

Software Engineer

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github.com/meinstein

## Skills

**Strong:** Javascript, HTML, CSS, React, Redux, Node.js, Express, Git, jQuery, Socket.io, Firebase, MongoDB

**Experienced:** Angular, D3.js, Processing, p5.js, Python, Sass, Three.js, OAuth, Gulp.js, Webpack, MySQL

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## Projects

**Laden with Terror | Front-End Developer** | [datalooksdope.com/ladenwithterror](http://datalooksdope.com/ladenwithterror)

*An interactive case study on how the New York Times discusses terrorism*

- Used Python to write a series of scrapers that return targeted paragraphs from 7,000 articles containing key words
- Designed and implemented a simple UI that allows users to click and drag across a decade of news coverage with ease

**KB viz | Front-End Developer** | [kbviz.com](http://kbviz.com)

*An interactive visualization that allows users to explore Kobe Bryant's illustrious NBA career*

- Leveraged D3.js to create custom stream graphs of key statistics from Kobe's career
- Used Python to manipulate and output statistical data into workable JSON format for use in graph components

**Mentor Me | Front-End Developer** | [getmentor.me](http://getmentor.me)

*A platform for connecting learners with mentors*

- Architected a complex front-end for dual user roles that efficiently manages state with an asynchronous RESTful API
- Utilized Socket.io to create real-time user authenticated peer-to-peer chat with the option of in-app video conferencing

**News Pulse | Full-stack Developer** | [news-pulse.herokuapp.com](http://news-pulse.herokuapp.com)

*An interactive sentiment-based visualization of the top news stories from each day*

- Architected a scheduler that passes data from a public API through a sentiment analysis and into a Firebase database
  - Created custom orbital components with smooth CSS transformations and D3-based color interpolations
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## Experience

**TrueCar Inc. | Information Designer** | 2014 - 2015

- Worked with the marketing team to design and create intriguing data visualizations of automobile industry trends
- Worked with developers and data scientists to build an interactive dashboard that tracks digital acquisitions

**DataLooksDope.com | Founder** | 2014 - Present

- Completed freelance information design and animation-based projects for clients such as GOOD Inc. and 72andSunny
- My data visualizations have been featured by notable news websites and blogs, including Gizmodo, WaPo, and Reddit

**Homelessness Prevention Law Project | President** | 2011 - 2014

- Trained and led law students on advocacy outreaches to Department of Social Services offices in Los Angeles County
  - Established [VoicesOfLosAngeles.com](http://VoicesOfLosAngeles.com) to give voice to homeless individuals living in Los Angeles
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## Education

**MakerSquare** | Advanced Immersive Software Engineering

2016

**Southwestern Law School** | J.D. & CA State Bar Member

2014

- Top 10% of graduating class

- 100% full-merit scholarship

**Drucker School of Management** | M.B.A.

2014

- 50% full-merit scholarship

**University of California, Santa Barbara** | Dual B.A., Sociology & German

2010

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## Personal

I am the oldest of seven siblings and speak both Swiss-German and German fluently. As a hobby, I create generative artwork using the Processing programming language and Adobe Illustrator. I showcase those pieces on my Instagram, @max\_einstein. In addition, I also craft lamps out of mannequins and other unconventional industrial items. I showcase those creations on my website, [TurnMeOnLamps.com](http://TurnMeOnLamps.com).