

# Nicholas A. Ficeto

# Software Engineer

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## Summary

Insatiably curious and highly driven with a passion for creating time-saving and specially tailored software solutions. Comfortable working across the stack, though currently seeking backend engineering positions.

## Core Qualifications

- Experience with the MEAN stack for both personal and professional projects
- Experience using Python for both statistical analysis and web engineering
  - Excellent analytical abilities -- natural ability to communicate insights via data-driven stories

## Work experience

## Data Analytics Intern

Sept 2017 - June 2018

Gensler

Provided analytics and software solutions for client-solicited projects and internal research initiatives at the largest architectural firm in the nation:

- Built and deployed a full stack web app that uses geomapping technology and an interactive calculator to demonstrate the financial ROI of the firm's design work. Front-end: MapboxJS library, Vanilla JS, **AngularJS**. Back-end: **Node/Express**
- Oversaw data collection, cleaning, and modeling via regression analysis to quantify value creation of the firm's design work. Technology: **Python Pandas/NumPy** libraries

## Solo Developer Projects

August 2016 - Present

laohio.github.io

- **Stocks and the News App:** Created an application that demonstrates how real-world events can impact short-term stock prices using a Python graphing library and stock/news data from third-party APIs. Back-End: **Python/Flask**

## Education

Tufts University

2014 - 2018

Economics (B.A.), Cum Laude

Courses: **Data Structures, Web Programming**, Econometrics, Advertising and Imperfect Competition, Behavioral Economics, Urban Economics, Game Theory, Business Chinese

Studied abroad in Taipei at National Chengchi University (國立政治大學) during the spring semester of 2017.

## Skills

# Python

Data Analysis: Pandas, NumPy libraries

Web Dev: Flask

## Javascript

jQuery, AngularJS

Node/Express

## MongoDB/Mongoose

C++

HTML, CSS

Mandarin Chinese, Spanish  
(professional working proficiency)

Adobe InDesign