

Nicholas A. Ficeto

Software Engineer

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Core Qualifications

Coming from a background in data analytics, I have a passion for translating user needs into time-saving technical solutions. Comfortable working across the stack, though currently seeking backend engineering positions at a small-to-medium sized company.

Summary

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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

- **AI 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