

Nicholas A. Ficeto

Software Engineer

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Summary

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.

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 turn data insights into actionable recommendations

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

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Data Analysis: Pandas, NumPy libraries

Web Dev: Flask

Javascript

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jQuery, AngularJS

Node/Express

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MongoDB/Mongoose

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C++

██

HTML, CSS

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Mandarin Chinese, Spanish
(professional working proficiency)

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Adobe InDesign

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