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. Currently seeking backend engineering positions, though comfortable working across the stack. Fast learner and ready to ship code from day one.

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 mapping visualizations 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

I develop analytics-based applications:
- AI Stocks and the News App: Created an application that dynamically generates news dashboards for a company based on their 100-day stock performance, using stock price and news story 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 Chenghchi 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