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 positions as a backend engineer at a small-to-medium sized company.

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 thirdparty 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

 $\mathbb{C}++$

HTML, CSS

Mandarin Chinese, Spanish (professional working proficiency)

Adobe InDesign