Andrew L. Smith

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Related Experience

PRA Group (NASDAQ: PRAA) Summer 2017
Data Science Intern

- Developed tools to score debtor accounts based on probability/quantity of expected payment.
- Heavy use of Python and related machine learning libraries (sklearn, tensorflow, keras, pytorch).
- Delivered result-driven presentations to high level executives (CTO, CIO, Internal Audit).
- Scoring models generated were highly competitive with current system.

xTuple Summer 2016
Software Development Intern

- Developed a python/xslt script to feed xml data through the Google Translate API in order to generate new translation files to be used in conjunction with the marketed application.
- Contributed towards adding these new translation files to the ERP application updater codebase.
- Worked with xTuple's lead developer to find a way to deploy these translation files across the globe.

Education

University of Virginia, *Charlottesville, VA* Graduating 2019
BS in Computer Science (3.84 in-major GPA)

Norfolk Academy, *Norfolk, VA* Graduated 2015
Graduated with high honors

Qualifications

Languages: python, C++, java, javascript, html, css, ruby, SQL, XML, XSLT
OS: Linux, Windows, OSX
Coursework: Program and Data Representation, Computer Architecture, Software Dev Methods, Web Programming Languages, Discrete Math, Theory of Computation, Introductory Python, Calc 3, Probability, Statistics

Projects (github/als5ev)

FTF Itinerary Generator:

- Developed a routing tool that can be used to optimize travel routes for the nonprofit Funding the Future. Constructed with geopy and pyQt5.

Recurrent Neural Network Stock Model

- Developed a stock market prediction tool using keras that predicts stock prices based on pricing/Twitter trends. Currently building a web-app to enable user interaction.

als5ev.github.io

- Personal website.

Blogger

- Blogging application made with Ruby on Rails. Deployed with Heroku.