Andrew L. Smith

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Related Experience

Capital One   Summer 2018

Software Engineering Intern

- Designed and developed Spring Boot API to handle chargebacks for all fraud and dispute cases
- Created CI/CD pipeline to handle Dev/QA/Prod deployments complete with testing, linter, and vulnerability detection
- Gave final presentation to high level executives, managers, and associates

Cavalier Daily   Spring 2017

Web Developer

- Full stack role handling article releases for abcdmag.com
- Tools used: git, node.js, html, css, javascript, Heroku, AWS

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 on results (CTO, CIO, Internal Audit)
- Scoring models generated were highly competitive with current system

xTuple   Summer 2016

Software Development Intern

- Developed solution for first-pass internationalization of entire ERP (Enterprise Resource Planning) application using Google Translate API
- Created process for updating clients with additional language-specific versions of the ERP
- Process deployed via CI/CD pipeline

Education

University of Virginia, *Charlottesville, VA*   Graduating 2019

BS in Computer Science (3.9 in-major GPA)

Qualifications

Tools: git, AWS, jenkins, SQL, docker, maven

Languages: python, java, javascript, html, css, C++, ruby

Projects (github/als5ev)

Ethereum Tracker:

- Online Recurrent Neural Network (RNN) which gathers data from many public API's
- Posts hourly predictions to Twitter regarding price movement