

NATHAN BLASE

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Data Scientist looking for a new challenge and opportunity to continue to grow. Experienced in Excel VBA, Excel, Python, SQL & HTML. Also a passionate learner who loves acquiring new skills and tackling new challenges. Places strong emphasis on working collaboratively with a like-minded team to ensure optimal results.

TECHNICAL SKILLS

Languages (Front End Visualization): HTML, CSS, Bootstrap, Dashboarding, D3.js, Javascript Charting, Handlebars, Git

Databases: MySQL, Mongo DB

Programming Technologies: SQL, Python 3, Pandas, Matplotlib, API Interactions, Social Media Mining, NumPy

Frameworks/Tools: Excel VBA, Excel (Modeling and Forecasting), Amazon Web Services

Certifications: AWS Certified Cloud Practitioner, AWS Certified Solutions Architect - Associate, AWS Certified Data Analytics - Specialty

RELEVANT EXPERIENCE

Next Rev Technologies

August 2019 – Present

Junior Data Scientist

- Developed data pipelines and dashboards to meet client needs and requirements using various technologies and programming languages
- Developed cloud architecture for data transformation and ingestion using AWS services such as Lambda, Step-functions, Glue, and DynamoDB, created a dashboard using Kibana for a frontend application, and developed a reporting microservice for a customer application using Python (Django, Pandas, Plotly) and Javascript (Plotly.js)

Institutional Shareholder Services

January 2016 – August 2019

Custom Research Analyst

- Supplied timely analysis and recommendations to clients while maintaining high standards of detail and client policy understanding
- Projects included developing a resourcing model in Excel, Excel VBA, and python, conducting excel basics courses, and providing presentations and statistical analysis based on market trends and client specific data

EDUCATION

George Washington University, Washington, D.C.

September 2017 – March 2018

George Washington University Data Analytics Program

- An intensive 24-week long program dedicated to applying robust data analytics to real world problems. Skills learned consisted of Excel VBA, Python, MySQL, CSS, HTML, and Javascript

The University of New Hampshire School of Law, Concord, NH

September 2012 – May 2015

Juris Doctor

- Honors: Certificate in Intellectual Property

The University of Michigan, Ann Arbor, MI

September 2008 – May 2012

B.S.E. Aerospace Engineering

PROJECTS

CitySlip (<https://github.com/nblase22/Cityslip>)

- An application which allows a user to input a zip code and receive information about the area including: housing costs, demographics, volume of essential places (malls, grocery stores, gyms, parks, schools), basic weather data, and walkability
- Developer in a team of three
- Language: Python

Complexity Resourcing Model

- An excel model which allows a user to analyze the effort required to run a specific client policy based on past voting data, as well as compare a policy to others handled by the company. The model is designed to help with both staffing (hours needed) and sales (cost of policy changes based on new workloads created).
- Technical Developer in a team of two
- Languages: Excel/SQL