Jagrit Behl (Jai)

Major: Computational Modeling & Data Analytics • **Minor**: Computer Science

703-589-6627 | jaib97@vt.edu | jaibehl97.github.io | jaibehl97 | Linked jagrit-behl

About Me	**Data Science • Cloud • Project Management**
Programming	Java • Python • Bash • C++
Blockchain	Solidity • IPFS • OrbitDB • Ethereum blockchain
Analytics	R • Python - Pandas • Excel • Tableau • MATLAB • MySQL • ElasticSearch • Docker
Web/Tools	HTML/CSS/JavaScript • React • Web3 • jQuery • PHP • Git • Jupyter Notebooks
Certification	**AWS Certified Solutions Architect – Associate**
Courses	Intermediate Data Analytics and Machine Learning • Advanced Data Structures and Algorithms

Education

Virginia Polytechnic Institute and State University (Virginia Tech) *Blacksburg, VA*
Bachelor of Science in Computational Modeling and Data Analytics, Computer Science Minor *August 2015 – May 2019 (Expected)*

Experience

Ozmo *Blacksburg, VA*
Data Engineer Intern *September 2018 - Present*
- Creating intricate algorithms based on scraped data and predictive data modeling to create a pipeline with ElasticSearch
- Identifying, measuring, and recommending improvement strategies for fine tuning Ozmo's product's search engine capabilities with natural language processing algorithms
- Implement all improvements in the product to be used by Verizon Wireless and Telus for interactive cell phone simulators

Trive News
Blockchain Developer and Cloud Engineer *June 2018 – September 2018*
- Write business logic into smart contracts using Solidity to vet fake news using independent journalists on a decentralized platform
- Write bash scripts on an EC2 instance to maintain an IPFS node for storing user information on AWS
- Creating a front-end web browser plugin using React and using Web3 to connect the back-end
- Make business recommendations to the CEO for an application to be vigorously tested by about 1000 users in the blockchain community

Zenius Corporation *Leesburg, VA*
Full Stack Developer Intern *May 2017 – August 2017*
- Successfully completed the migration of the Grants Management Maturity Index algorithm from an Excel Macros based platform to an online application
- Created the front-end tool for the online tool using Bootstrap, HTML, CSS, JavaScript
- Created the back-end to achieve efficiency for accessing client databases using PHP and MySQL

Projects

The Consulting Group at Virginia Tech
Project Manager: Back to Nature Landscaping and Construction
- Created a business valuation model that simulates various assumptions and financing options for a $2.5 million business that helps the client with negotiations to initiate a merger
- Understand client's business operations and financial structure to mitigate any risks of a merger and acquisition

ClassCode()
Mentor and Developer: Initiative Founder
- Launched an initiative to teach about club members about AWS with a path geared towards a certification as an AWS Cloud Practitioner

Data Analysis Challenge
Final Project: Intro to Data Analytics
- Use k-means clustering and linear regression to apply ANOVA techniques for data analysis
- Create a final presentation to determine the findings of a cyber-security breach using data processing, data visualization, and pattern recognition

Society of Indian Americans
Philanthropy Chair: Initiative Founder
- Started an initiative with PrathamUSA, a top 3% charity in the nation, to raise $1,700 for education in India