

Jagrit Behl (Jai)

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

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About Me

Programming

Java • Python • Bash • C++

Blockchain

Solidity • IPFS • OrbitDB • GunDB • Ethereum blockchain

Analytics

R • Python - Pandas • Excel • Tableau • MATLAB • MySQL

Web/Tools

HTML/CSS/JavaScript • React • NodeJS • jQuery • PHP • Git • Jupyter Notebooks

Certification

AWS Certified Solutions Architect – Associate

Experience

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
- Used the GMMI online application to secure a prime contract with the Department of Education

Projects

Technical

Trive News

June 2018 - Present

Blockchain Developer and Cloud Specialist

- 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 have an IPFS node running 24/7 to store user information and maintain all AWS related activities
- Set up a reverse proxy with NGINX and IPFS to support secure connections with the browser Trive app

Data Analysis Challenge - Final Project: CMDA 3654

- Create a final presentation to determine the findings of a cyber-security breach using data processing, data visualization, and data analytics
- The project was done using Jupyter Notebooks to analyze the data with Python using the Pandas library

Consulting

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; identify areas of opportunity for growth and profit
- Lead a team of 4 analysts working on financial analysis, real estate investment, acquisition, and strategy

Giving Back

Society of Indian Americans

- Founder of Philanthropy Chair – Started an initiative with PrathamUSA, a top 3% charity in the nation, to raise \$1,700 for education in India

Relay for Life

- Productions Committee – Handle the production of the largest Collegiate Relay for Life in the nation for about 5,000 attendees to spread Cancer awareness and in turn, assisting in raising about \$150,000 throughout the night

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)