Bryan Kim

US Citizen

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SUMMARY

Seeking a Software Engineer position to apply the knowledge that I have learned and explore abilities, skills, towards my duties and to excel in my field. Areas of skills include:

- C++, Java, Python, PHP, VueJs, SQL
- Utilized database SQL with web apps
- Experience with AWS Lambda, Kinesis Firehose, S3 and Apache NIFI
- Utilize Django to build Web Applications
- Build Machine Learning Models
- Experience with an Agile/Scrum setting as scum master
- Developed a Streaming Time Series Classification Pipeline
- Fluent with Linux systems

EDUCATION

University of Virginia   Expect to **graduate** Spring 2022
Computer Science (B.S) - GPA: 3.624
Course Work:

- Cloud Computing (*In Progress)*
- Computational Architecture
- Machine Learning
- Advanced Software Development
- Algorithms

- Artificial Intelligence
- Database Systems
- Web Programming Language
- Intro to Cyber Security
- Software Developmental Methods

WORK EXPERIENCE

Data Science Intern : Perspecta   June - August 2020

- Explored and learned to use the foundations of Machine learning within 3 months
- Developed a functional Time Series Classification pipeline deployed with AWS architecture that classifies live data streams.
- Evaluated the effectiveness of AWS programs on analyzing streaming data
- Presented results at company-wide analytics community of practice meeting

PROJECTS

What's The Move (PHP, SQL,Git)
Built a database-centered web application in a agile environment with 4 other members using SQL and PHP to connect with the html. I utilized security features such as prepared statements to prevent SQL injections and used AJAX to create a streamlined experience.

CivicConnect (Django, Python,Git)
Created a website that allows users to contact their representatives using the agile Scrum schedule. I utilized the Django framework to build the site while testing with Travis CI and deploying on Heroku. In addition to building the site, I held meetings and checked up on the team to make sure we are on schedule as the Scrum master.

AI Bot (Java)
Developed an AI for the board game Ticket To Ride based on a Markov Chain I created to compete against other AI using Java.

Github : https://github.com/bryankim13   Linkedin : www.linkedin.com/in/bryankim13173
Website: