Dongwook Kim

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EDUCATION

Boston College
chestnut hill, ma

Biology & Computer Science - BS/BA
2017 - 2021

THEA Bowman Scholar

EXPERIENCE

EAB
remote

Associate Software Engineer
april 2022 - current

PANTO Team
- Process/transform large amounts of data daily for 1000+ partners within various automated pipelines
- Legacy framework of Springboot+Java powered EC2 instances, newer framework in Python Serverless Lambda + State machine architecture via Cloudformation
- Front end components in Django or KnockoutJS

Mass General Hospital
boston, ma

Research Technician
july 2021 - april 2022

Steele Labs, Duda Group
- Interpret and analyze data from RNA-seq and scRNA-seq using R and subsequent packages
- Assist and handle growth and storage of specific cancer cell cultures
- Handle and process clinical blood samples, isolating plasma and cells for future use
- Assist Research Fellows in the handling of experiment techniques on research mice
- Perform and analyze qPCR

Boston College
chestnut hill, ma

Teaching Assistant
aug 2017 - may 2021

Computer Science department
- Subjects taught, but not limited to: Python, Java, C, various algorithms, graph theory, predicate/propositional logic, set theory, probability, computer memory management, etc

SKILLS

Programming Languages   Python, Java, PostgresSQL, MS SQL, C, R, Javascript
Tools & Frameworks   Git, Springboot, AWS, SQL Server, Pandas