Amir Idris

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WORK EXPERIENCE

Technical Lead; Forward Deployed Engineer, Palantir Technologies, 2020, 2021-

Led the technical development and implementation of a Virtual Command Center at the Cleveland Clinic, as part of a $10,000,000+ partnership, to increase patient capacity. Integrated EHR and scheduling systems into a common ontology, co-developed solutions for patient flow management, hospital staffing, and OR scheduling, altogether resulting in an increase in patient transfers and reduction in patient hold times. Liased with clinical and administrative users to gather feedback and perform trainings. Owned relationships with executive stakeholders and co-led monthly steering committees.

Co-developed the common ontology and assets used across Palantir for Hospitals, as one of the first five employees of the subdivision, which accounts for 10% of Palantir's US revenue. Co-led the data security and integrity team in Palantir for Hospitals.

Led the development and implementation of an Enterprise Resource Planning migration pilot with a Fortune 500 client. Created custom clients for data transformation and data pipeline generation via Large-Language Models. Mentored engineers towards greater technical impact. Created user-facing workflows in collaboration with client project leads.

Data Science Intern, Unify Project, Cleveland, OH, Summer 2019

Worked as a data science intern for Unify Project, a non-profit startup aiming to help close the income gap by informing policy using data analysis. Tested code for their proprietary analytics platform and wrote documentation for future version control. Built a package for generating fake, representative time series data for testing modeling methodologies. Created a video playlist explaining computational ontologies as a part of a capstone presentation for the benefit of my coworkers.

Data Analytics and Research Intern, Cleveland Clinic, Cleveland, OH, Summer 2018, Summer 2016

Partnered with Nines AI and MaxQ, two rising artificial-intelligence based companies, curating and cleaning imaging data from the Cleveland Clinic database. (2018) Conducted data analysis using MATLAB in a neuroscience lab on the Cleveland Clinic's main campus. Tasked with correlating cerebral cortical thickness and verbal fluency in a diseased cohort. Conducted exploratory analysis and multivariate regressions. Wrote a review paper and co-authored a research paper that has been published in the journal Neuropsychologia. (2016)

EDUCATION

Columbia University, Columbia College, New York, NY
B.A., Major: **Data Science**, Graduation date: **May 2021**, Cumulative GPA**: 3.87**, Dean's List (Fall 2017- Spring 2021)

SKILLS

Full-stack, Python (fluency with Pyspark, Pandas, Numpy), R, Java, SQL, Typescript/Javascript, HTML

Data Engineering, Distributed Computation, Ontology Engineering, Client Relations, Statistical Analysis