

Data Engineer Intern Data Engineer Intern Software Engineering Intern - Huawei Technologies
 Durham, NC Work Experience Data Engineer Intern Duke OIT - Durham, NC August 2017 to
 Present ? Devised an auto application installation shell script using Python for reimaging
 Windows/Mac machines to lab standard. ? Created MySQL database for Duke s machine and
 visualized the data via bootstrap and ASP.NET to frontend. ? Used Scala with Spark to perform
 scalable NYU taxi dataset transformations through AWS EC2 clusters based on the concept of
 differential privacy. Full Stack Developer Intern Huawei Technologies - Shenzhen, CN May 2018 to
 August 2018 ? Implemented a series of production analysis algorithm to optimize the process of
 stress testing of chips. ? Designed and implemented a stress testing management web app using
 C# with ASP.NET, Bootstrap and Oracle SQL, allowing administrators to import/revise data, manage
 privilege and monitor stress testing process of chips. ? Visualized the average duration of stress
 testing process of different chips, percentage of chips against different technical parameters based
 on the imported data using C# with ASP.NET, Bootstrap and Echarts. Python Developer Intern
 CITIC Bank - Chengdu, CN June 2016 to August 2016 ? Explored the demand from clients, built
 POC of bank s technical offerings, and hosted workshop for clients to understand and use the
 technology. ? Performed data visualization and analysis for backend usage via Python with
 NetworkX and Plotly, conducting user analysis and A/B testing to marketing department. ? Parsed
 large data files in XML format and imported the data into PostgreSQL database using xml.sax.
 Teaching Assistant Boston University - Boston, MA January 2016 to May 2016 ? Led TA sessions
 for an algorithm class and grade written and Java coding assignments. ? Helped students consider
 tradeoffs of different solutions to a given problem and be more independent when debugging.
 Education M.S. in Computer Science in Computer Science Duke University - Durham, NC May 2019
 B.S. in Computer Science in Computer Science Boston University - Boston, MA August 2013 to May
 2017 Skills mySQL (2 years), MongoDB (1 year), JAVA (2 years), Python (3 years), ASP.NET (1
 year), C# (1 year), AWS (1 year), Spark (1 year) Additional Information SKILLS Programming
 Language: Java, Python, Golang, Akka/Scala, C#, SQL Database Management: Oracle, MySQL,
 PostgreSQL, MongoDB Distributed Computation: Spark, AWS System: Linux, MacOS,

Windows Web Application: HTML, ASP.NET, JavaScript, Bootstrap, Echarts

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