

# Christopher Raymond Fu

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<b>EDUCATION</b>	<i>Bachelor of Science, Industrial &amp; Systems Engineering</i> Georgia Institute of Technology   Atlanta, GA Concentration: Quality & Statistics	December 2018
<b>SKILLS</b>	<i>Language Skills:</i> English, Mandarin Chinese, Korean <i>Programming Languages:</i> Python, R, SQL, Java, LaTeX <i>Analytical Skills:</i> Tableau, D3, OpenRefine <i>Cloud Services:</i> Azure Databricks, IBM Cloud Watson Studio, AWS <i>Data Engineering Skills:</i> Spark, Docker, Kubernetes, Hadoop, Pig	
<b>EXPERIENCE</b>	<i>Data Engineer</i> American Airlines   IT RPT Data Analytics   Fort Worth, TX <ul style="list-style-type: none"><li>• Develop a object-oriented python script to automate incident generations</li><li>• Integrate Moogsoft AIOps to current monitoring system</li><li>• Re-design and develop ingestion pipelines from on-prem to IBM Cloud</li><li>• Develop script to ingest AVRO files and flatten JSON records to a readable format</li></ul>	January 2020 - Present
	<i>Data Analyst</i> Bell Textron Inc.   Commercial Business Operations   Fort Worth, TX <ul style="list-style-type: none"><li>• Generated SQL data tables to track customer component data</li><li>• Developed a component forecast to estimate next helicopter service</li><li>• Developed a python script to transcribe PDF component reports to data tables</li><li>• Performed ad-hoc analyses and present results using R</li></ul>	January 2019 - January 2020
	<i>Data Analyst Intern</i> InterContinental Hotels Group   Global Sales   Atlanta, GA <ul style="list-style-type: none"><li>• Utilized Python on client account data worth over 2GB to provide behavioral analysis</li><li>• Provided insight on the current revenue landscape and the opportunity to capture an extra 20% revenue of the North American region</li><li>• Built a Python script using Google Maps API to pull in geographical data by city-state pair</li></ul>	June 2018 - August 2018
	<i>Data Analyst Co-op</i> Delta Air Lines   Airport Customer Service - Operations Analysis & Performance   Atlanta, GA <ul style="list-style-type: none"><li>• Conducted monthly schedule review based on first proposed schedule; held call with station leadership to provide insight to upcoming schedules; includes Delta Connection information</li><li>• Worked with Network to ensure ground time distribution maximizes D0 benefit; monitored Short Turn Density levels through operations MPR slide and follow ups</li><li>• Worked with stations/network on ground time requests, D0/A0 performance analyses, misconnect rate improvement, etc.</li></ul>	August 2016 - August 2017
	<i>Distribution Operations Analyst Co-op</i> Kimberly-Clark Corporation   Distribution Operations   Neenah, WI <ul style="list-style-type: none"><li>• Analyzed warehouse performance metrics to ensure customer service and cost objectives are met</li><li>• Managed dynamic space and throughput capacity requirements shipments, order statuses, and operational materials</li><li>• Created a stock keeping unit (SKU) count report for senior leadership to track monthly trends across the distribution network</li></ul>	January 2016 - July 2016
<b>PROJECTS</b>	<i>Comparing Grocery Prices</i> <ul style="list-style-type: none"><li>• Building Python program to compare prices across different grocer chains</li><li>• Using Selenium and BeautifulSoup packages to web-scrape and process data</li><li>• Designing the script through object-oriented programming best practices</li></ul>	August 2020 - Present
<b>ACTIVITIES</b>	<i>Life &amp; Fruit Community Ministry</i> <ul style="list-style-type: none"><li>• Serve as youth teacher and mentor for 6th-8th grade boys</li><li>• Lead weekly small group discussions after morning sermon</li><li>• Create an environment where students feel comfortable and open to discuss biblical topics</li></ul>	January 2019 - Present