

Joseph Moussa | Software Engineer

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[Website](#) • [LinkedIn](#) • [Github](#)

Experience	The Walt Disney Company – <i>Software Engineer</i>	<i>Feb 2020—Present</i>
	<ul style="list-style-type: none">- Backend engineer in the Data Platforms Integration team- Developed important optimizations to signal collection as a part of the company's personalization and content recommendation effort.- Developed Key Performance Indicator (KPI) Dashboard application allowing executives to gain insights into data from all facets of Disney's media companies/partners <i>Tech Stack: Python, Apache Spark, Airflow, AWS, Qubole, and Git/Gitlab</i>	
	Genomic Prediction – <i>Backend Developer</i>	<i>Feb 2019—Feb 2020</i>
	<ul style="list-style-type: none">- Implemented and automated analytical data pipelines via Amazon Web Services- Launched development, staging and production environments for web applications- Built and launched RESTful APIs to integrate data pipelines to web portals <i>Tech Stack: JavaScript, MySQL, Python, AWS, Docker, Jenkins and Git/Gitlab</i>	
	Internet Creations – <i>Salesforce Developer</i>	<i>June 2018—Feb 2019</i>
	<ul style="list-style-type: none">- Gathered requirements, and developed Salesforce applications- Communicated with multiple clients and project managers regularly about ongoing tasks- Conducted unit tests as well as QA analysis to ensure code quality and coverage <i>Tech Stack: Apex, SOQL, Lightning, Visualforce and JavaScript</i>	

Skills	Backend	Frontend	Database/ORMs	DevOps/Tools
	Python	JavaScript	SOQL/SOSL	Git/Github/GitLab
	Node.js/Express	Angular	MySQL	AWS
	Java	React/JSX	Sequelize	Docker
	RESTful APIs	HTML/CSS/Sass	PostgreSQL	Jenkins

Projects	Chat Room App Github
	<i>Python, FastAPI, MongoDB, WebSockets</i> <ul style="list-style-type: none">- Personal project using Python's FastAPI, WebSockets and a MongoDB database- WebSockets maintain an instant messaging chat- MongoDB holds the user's personal info (hashed and encrypted) and chat logs- This pairs with another chat app FE that holds the front-end web application
	S&P 500 Analyzer Github
	<i>Python, Pandas, SciKitLearn</i> <ul style="list-style-type: none">- Basic S&P 500 Analysis tool complete with:- Local caching via pickle files- Web Scraper to get financial info on companies in the S&P 500- Graphing (Showing moving averages, stock prices, volume sold, etc... over time)- Rudimentary machine learning predictions

Education	Rutgers University	<i>Sept. 2013—May 2018</i>
	BA: Information Technology & Informatics	
	Minor: Computer Science	