

# Joseph Moussa | Software Engineer

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

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

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

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