

## Julian Beaulieu

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<b>SUMMARY</b>	Graduated masters student at Texas A&M University majoring in Computer Science. Experience in leading small cross-functional team of engineers and UI/UX designers. Skilled in mobile development and startup management. Knowledgeable in data structures, efficient algorithms, software engineering, data mining and machine learning. Seeking hands-on work experience as a Machine Learning Engineer, Data Engineer, or Software Engineer.		
<b>SKILLS</b>	<b>Programming:</b> Java, C/C++, Swift, Flutter/Dart, JavaScript, MATLAB, R, HTML, TensorFlow, CSS, and SQL.		
	<b>Data science:</b> Neural Networks, Decision Trees, naïve Bayes, PCA, Clustering, and Regression.		
	<b>Technology and Software:</b> Xcode, IntelliJ, CLion, PyCharm, Android Studio, PubNub, Linux, Jupyter, CuPy, Trello, Slack, and GitHub		
	<b>Other:</b> Native speaker in German and English		
<b>EDUCATION</b>	<b>Texas A&amp;M University</b> , College Station, Texas		
	<b>MS</b> , Computer Science		<b>Dec. 2022</b>
	<b>University of California at Riverside</b> , Riverside, CA		
	<b>BS</b> , Computer Science		<b>Mar. 2021</b>
<b>EXPERIENCE</b>	<b><u>Research Assistant</u></b>		<b>Dec. 2021 - Current</b>
	<b>Texas A&amp;M University</b>		
	Researching effects of hypertension (high blood pressure) and hypertensive events on hospitalization outcome of medicaid patients in Texas. Developing and testing effectiveness of various machine learning models such as XGBoost, logistic regression, and neural networks. Optimized code for large data and implemented distributed computing techniques to accelerate training speed of models.		
	<b><u>Software Development Engineer</u></b>		<b>May 2022 - Aug. 2022</b>
	<b>Amazon</b>		
	Implemented a new navigation experience for customers on the Series Detail Page which reduced the number of clicks needed to switch the book series format by 66%. Developed efficient backend code to gather required information in proprietary querying language, which needs to be able to retrieve data in under 21ms. Created extensive hand-off documentation for my project and designed onboarding documentation for querying language to help current and new employees onboard faster and more efficiently.		
	<b><u>Software Engineer</u></b>		<b>Sep. 2021 - Apr. 2022</b>
	<b>Operation Airdrop</b>		
	Developed a database using Firebase and web client as well as iOS/Android app in React Native for the non-profit to manage donations and create missions for private pilots to fly in donations to disaster zones. Created a portal for pilots to log on and choose their mission. This portal shows mission details such as amount of passengers, weight distances, number of stops and more.		