

Technology Stack	<i>Top Languages:</i> Python, R, SCALA, JAVA, ~SAS, ~C++ <i>Data Science:</i> NLP, sklearn, keras, pytorch, pandas, numpy, BERT, transformers <i>Backend:</i> MySQL, MongoDB, AWS S3, Redshift, DynamoDB <i>Frontend:</i> HTML, CSS, JavaScript, Angular, TypeScript, React, Bootstrap <i>Misc.:</i> Git, Jira, Docker, Travis, CI/CD, Unit Testing, ~JUnit, ~Swift, macOS, Linux, OOP, ~HPC		
Professional Experience	<div><div><b>Kemper</b>Chicago, IL <i>Data Engineer</i>November 2019 - Present</div><div><ul style="list-style-type: none"><li>❖ Designed and full-stack programmed a Micro-Automation Portal for internal employees to manage various automations including the generation of the CFO report, using Angular with AWS services: lambda, DynamoDB, Redshift, and S3, allowing users to login, CRUD, upload and download files, and connect to Tableau for analysis</li><li>❖ Implemented an ETL pipeline to automate the creation of CFO reports, previously done manually with excel; denormalized and standardized the data from multiple sources to democratize the data into AWS and began to create a financial data-mart</li></ul></div></div> <div><div><b>TransUnion</b>Chicago, IL <i>Salesforce Project Manager</i>May 2018 - December 2018</div><div><ul style="list-style-type: none"><li>❖ Lead the Sales Automation team in preparing and executing the company-wide transition to Salesforce Lightning; and designed a process of prioritization for the team's support cases, resulting in a reduction of the backlog of user requests</li><li>❖ Developed the skills of a Salesforce Admin and contributed in team decisions on creating, updating, or fixing automation features in Salesforce for 2500+global users</li></ul></div></div> <div><div><b>Loyola University Chicago</b>Chicago, IL <b>M. S. Software Engineering</b>Exp. December 2020</div><div><ul style="list-style-type: none"><li>❖ Teaching Assistant; Research Assistant; <i>Cumulative GPA:</i> 4.0/4.0</li></ul></div><div><div><b>Natural Language Processing (NLP) Laboratory - Dima Dligach</b>January 2020 - Present</div><div><i>Independent Research</i></div><div><ul style="list-style-type: none"><li>❖ Developing novel Machine Learning techniques on Medical Data via NLP Neural Networks, utilizing the cTakes python library, to classify possible drug misuse based on patients Electronic Health Records; researching Multitask Learning in the medical domain</li></ul></div><div><div><b>B. S. Computer Science</b>August 2016 - December 2019</div><div><ul style="list-style-type: none"><li>❖ <i>Cumulative GPA:</i> 3.6/4.0; <i>Major GPA:</i> 3.8/4.0</li><li>❖ <i>Activities:</i> President of Computer Science Student Advisory Council, Student Amb. in Undergraduate Admissions Office, Moot Court, Delta Sigma Phi, Golden Key Honors Society</li></ul></div></div><div><div><b>Software Systems Laboratory (SSL) - George Thiruvathukal</b>January 2019 - Present</div><div><i>Independent Research</i></div><div><ul style="list-style-type: none"><li>❖ Building multi-class classification Machine Learning models as the ML lead on SoftwareMetrics, SaaS providing Github software project analysis metrics, to classify Github issues using NLP strategies, such as SVM, Word2Vec, OneVersusAll, and various Neural Nets</li><li>❖ Conducted research as Machine Learning lead on ZettelGeist, a scholarly note-taking service utilizing Google API, focusing on key-phrase extraction to create tags from small datasets using statistical and unsupervised methods</li></ul></div><div><div><b>Rambler Investment Fund</b>January 2018 - May 2018</div><div><ul style="list-style-type: none"><li>❖ Analyzed equity stocks in the U. S. economy, in this student managed multi-strategy global macro fund with an AUM of ~\$1,000,000, concluding the semester with an investment pitch of ABBV to 50+ investors and equity report</li></ul></div></div></div><tr><td>Leadership</td><td><div><div><b>Eagle Scout Project</b>May 2014 - August 2015</div><div><ul style="list-style-type: none"><li>❖ Spent 500+ hours completely designing and then leading others in building an ADA approved portable wheelchair ramp for Ride on St. Louis (<i>pictures, more info on website</i> ^)</li></ul></div></div></td></tr></div></div>	Leadership	<div><div><b>Eagle Scout Project</b>May 2014 - August 2015</div><div><ul style="list-style-type: none"><li>❖ Spent 500+ hours completely designing and then leading others in building an ADA approved portable wheelchair ramp for Ride on St. Louis (<i>pictures, more info on website</i> ^)</li></ul></div></div>
Leadership	<div><div><b>Eagle Scout Project</b>May 2014 - August 2015</div><div><ul style="list-style-type: none"><li>❖ Spent 500+ hours completely designing and then leading others in building an ADA approved portable wheelchair ramp for Ride on St. Louis (<i>pictures, more info on website</i> ^)</li></ul></div></div>		