

# Zachary Jarnagin

Available: May - Dec 2021

Portfolio: [zjarnagin.com](http://zjarnagin.com)

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<b>EDUCATION</b>	<b>Northeastern University</b> , Boston, MA Khoury College of Computer Sciences <i>Candidate for Bachelor of Science in Computer Science</i> , Expected: 2022 Honors: <b>GPA: 3.51/4.00</b>   Dean's List   CAA Commissioner's Academic Honor Roll Coursework: Object Oriented Design   Algorithms (Graduate Level)   Computer Systems (Graduate Level)   Networks and Distributed Systems   Database Design	<b>Sep 2018 - Present</b>
<b>TECHNICAL SKILLS</b>	<b>Tools/Framework:</b> NLP, React Native, Django, Pandas, NumPy, SciPy, AWS, BERT, FireBase <b>Languages:</b> Python, Java, Javascript, C <b>Database:</b> SQL, PostgreSQL	
<b>EXPERIENCE</b>	<b>Data Analyst in NLP</b> GENENTECH - AI & ANALYTICS TECHNOLOGY • Built a BioBERT text classification model in just a month with 99% precision. • Documented processes on using remote high computing clusters for new employees. • Presented findings to a group of NLP experts.	<b>May 2020 - Present</b> South San Francisco, CA
	<b>Technical Lead &amp; Fullstack Developer</b> SHOWNXT • Created a social media platform from scratch with 400 registered users. • Spearheaded a development team of 5 members to create an MVP for a small startup. • Reduced monthly costs by nearly 100%.	<b>January 2020 - Present</b> Boston, MA
	<b>Lead Computational Protein Analysis Researcher</b> NORTHEASTERN - COLLEGE OF SCIENCE • Orchestrated a biochemistry project for protein quantification. • Created a Python app from scratch in a team composed of experts and students.	<b>Nov 2019 - March 2020</b> Boston, MA
	<b>Computer Science Tutor</b> NORTHEASTERN STUDENT ATHLETE SUPPORT SERVICES • Obtained 100% student satisfaction rate and saw over 10% increase in student performance within student classes. • Clarified misconceptions in courses such as Object Oriented Design and Fundamentals of Computer Science I & II	<b>Jan 2019 - March 2020</b> Boston, MA
<b>PROJECTS</b>	<b>Malignant Tumor Classification Model</b> AUTHOR AND CREATOR • Author of a published article on a classification-based machine learning model. • The model predicts whether or not a sample of breast tumor tissue is malignant or benign. • Featured in a publication by the data science platform "Analytics Vidhya". • <b>Link:</b> <a href="https://link.medium.com/um9hECnnB0">https://link.medium.com/um9hECnnB0</a>	<b>Oct 2019</b>
<b>ADDITIONAL ACTIVITIES</b>	• Member of FirstByte start-up group, Website Team • Volunteer at Khoury co-op expo • Division 1 NCAA Athlete	<b>Oct 2019 - May 2020</b> <b>Oct 2019</b> <b>Sep 2018 - Oct 2019</b>