

# ABHISHEK KOTTAMASU

1760 Broadway Street • Ann Arbor, MI 48109  
abhikot@umich.edu • 734 882 7346

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|-----------------------|---|----------------------------|
| <b>EDUCATION</b>      | <b>UNIVERSITY OF MICHIGAN</b><br><b>College of Engineering</b><br>Bachelor of Science in Engineering, Computer Science & Data Science, May 2021 <ul style="list-style-type: none"><li>• Cumulative GPA: 3.5/4.0</li><li>• Case Competitions: 1st Place Bain &amp; Company Employer Challenge, 2nd Place KPMG</li><li>• Teacher's Assistant, Discrete Mathematics (EECS 203)</li><li>• Recipient, Class of 1935 Scholarship Fund and Programs in Engineering Scholarship</li><li>• SAT: 2340/2400; SAT Math: 800/800</li><li>• Proficient in C++, Python, JavaScript, SQL, HTML, CSS, R and MATLAB</li></ul>   | <b>Ann Arbor, MI</b>       |
| <b>EXPERIENCE</b>     | <b>KALIBRR</b><br><b>Software Engineering Intern</b> <ul style="list-style-type: none"><li>• Employing Machine Learning methods to optimize workflow of targeted stakeholders.</li></ul>  | <b>Manila, Philippines</b> |
| <b>Summer 2019</b>    |   |                            |
| <b>2019 - Present</b> | <b>NEXECON CONSULTING GROUP</b><br><b>Business Analyst</b> <ul style="list-style-type: none"><li>• Investigated non-traditional business metrics for \$5B+ Fortune 1000 automobile manufacturer to identify unexplored distributing channels in the LatAm market.</li><li>• Developed Excel evaluation model for \$10B+ Fortune 1000 pizza-chain utilizing quantitative time and efficiency key-point indicators to more accurately validate in-store operations and identify high-potential innovation strategies</li><li>• Analyzed firm-specific 'time-motion' data to revise existing innovation strategies, estimating reductions in process times and forecasting operating cost reductions</li></ul> | <b>Ann Arbor, MI</b>       |
| <b>Summer 2018</b>    | <b>ERNST AND YOUNG</b><br><b>Software Engineering Intern</b> <ul style="list-style-type: none"><li>• Increased latency of data-intensive modelling by 10x by leveraging Cloud Computing Technologies using Amazon Web Services and Command Line Programming</li><li>• Developed a housing loan eligibility application for the Bank of Philippine Islands by employing Android Studio and Java, increasing customer retention by 14%</li></ul>  | <b>Manila, Philippines</b> |
| <b>Summer 2017</b>    | <b>SHELL</b><br><b>Project Engineering Intern</b> <ul style="list-style-type: none"><li>• Assessed risks of timeline delays such as bottle-necked processes in the fabrication yard by evaluating the Design &amp; Engineering scope and presented findings to the vendor</li><li>• Devised and enumerated key points from numerous multidisciplinary meetings to concisely revise the Basic Design and Engineering Document</li></ul>  | <b>Aberdeen, Scotland</b>  |
| <b>2017 - Present</b> | <b>APIARY SOLUTIONS</b><br><b>Founder   Chief Technology Officer</b> <ul style="list-style-type: none"><li>• Founded a College Consulting Company that helped international high-school students navigate the college admissions process by deploying an academic social-network which yielded more than 20 clients and 35 university ambassadors</li><li>• Built the Apiary Network, consisting of profiles, chat-services, databases, forums and newsfeeds using a MongoDB database, Handlebars Templating and numerous API's</li></ul>   | <b>Ann Arbor, MI</b>       |
| <b>PROJECTS</b>       | <ul style="list-style-type: none"><li>• Created TemPace, a web app that analyzed iOS health data and scraped online BPM-based song databases to generate smart playlists based on personalized exercise habits</li><li>• Modelled a Piazza Post classifier to categorize forum posts by training the 'Multi-Variate Bernoulli Classifier' using Natural Language Processing and binary search trees</li><li>• Developed an optimal TSP tour generator using a branch and bound algorithm by deploying Prim's minimal spanning tree algorithm</li></ul>  |                            |
| <b>ADDITIONAL</b>     | <ul style="list-style-type: none"><li>• Passionate about traveling to all seven continents, have lived in three so far</li><li>• Voted 'Most Likely the Next Steve Jobs' in 5th grade leading to a turtleneck photoshoot</li><li>• Avid Manchester United Football Club Fan, Poker Player and Tennis Enthusiast</li><li>• Debate aficionado, placed 3rd in the World Debate Championships on Team Philippines</li></ul>   |                            |