

# Charles Meyer

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Education	<p><b>Tufts University</b> Bachelor of Science, May 2017.</p> <p><b>GPA:</b> 3.99, Phi Beta Kappa inductee 2016</p> <p><b>Majors:</b> Computer Science, Math</p> <p><b>Relevant Coursework:</b> Data Mining, Algorithms, Information Theory, Probability, Statistics, Programming Languages, Computation Theory, Mathematical Modeling, Abstract Algebra I/II, Real Analysis I/II, Microeconomics, Quantitative Macroeconomics</p>
Programming Languages	C, C++, Javascript, Matlab, PHP, Python
Technologies	HTML/CSS, jQuery, L <sup>A</sup> T <sub>E</sub> X, Heroku, Git, Google App Engine, NodeJS, SQL, Unix
Experience	<p><b>Microsoft Corporation</b> 2016</p> <p><i>Software Engineering Intern</i></p> <ul style="list-style-type: none"><li>◦ Enhanced performance monitoring for TempDB, a system resource in SQL Server</li><li>◦ Built a chat bot to aide customers with SQL Server troubleshooting</li></ul> <p><b>Raytheon BBN Technologies</b> 2015 - 2016</p> <p><i>Web Engineering Intern</i></p> <ul style="list-style-type: none"><li>◦ Designed and built a new web interface for the GENI research platform</li><li>◦ Implemented a self service email confirmation and password reset system</li></ul> <p><b>Tufts University</b> 2016 - Present</p> <p><i>Teaching Fellow</i></p> <ul style="list-style-type: none"><li>◦ Scheduled TAs for office hours and led review sessions for students</li><li>◦ Coordinated undergraduate grading of student design document submissions</li></ul> <p><b>Tufts University</b> 2014 - 2015</p> <p><i>Teaching Assistant</i></p> <ul style="list-style-type: none"><li>◦ Instructed students in lab settings about computer science topics</li><li>◦ Taught students problem solving and debugging skills in office hours</li></ul> <p><b>Josh Cutler State Representative</b> 2014</p> <p><i>Campaign Manager</i></p> <ul style="list-style-type: none"><li>◦ Managed volunteers and organized canvassing and phone banking efforts</li></ul> <p><b>Projects</b></p> <p><b>Trendquiz</b></p> <ul style="list-style-type: none"><li>◦ Web game where players match Google Trends graphs to search keywords</li><li>◦ Played over 20,000 times and written about on TechCrunch</li></ul> <p><b>AutoSched</b></p> <ul style="list-style-type: none"><li>◦ Web app for scheduling TAs for office hours based on their availability</li><li>◦ Uses probabilistic algorithm to approximate an optimal schedule (NP-hard)</li></ul> <p><b>Simterview</b></p> <ul style="list-style-type: none"><li>◦ Web app for technical interview practice, 2nd place at Tufts 2015 hackathon</li></ul> <p><b>Knoknok</b></p> <ul style="list-style-type: none"><li>◦ Communication app for roommates packaged for iOS and Android using Cordova</li></ul>