

## HASNAIN ALI

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### EDUCATION

<b>Rice University</b> <i>Bachelor of Arts in Mathematical Economic Analysis &amp; Computational and Applied Mathematics</i> Relevant Coursework: <ul style="list-style-type: none"><li>Fall 2016: Introduction to Computational Engineering, Multivariable Calculus, Principles of Economics</li><li>Spring 2017: Matrix Analysis, Microeconomics, Elements of Analysis, Probability and Statistics</li></ul>	<b>Houston, TX</b> <b>2016–2020</b>
<b>George Ranch High School</b> GPA: 118.5494/110; Rank: 3/534; Relevant Coursework: AP Micro/Macroeconomics, AP Statistics	<b>Richmond, TX</b> <b>2014–2016</b>
<b>Harmony School of Advancement</b> Relevant Coursework: AP Calculus BC, AP Computer Science	<b>Houston, TX</b> <b>2012–2014</b>

### WORK EXPERIENCE

<b>Momentum Learning Academy</b> <i>Teacher, Instructor</i> <ul style="list-style-type: none"><li>Structured and taught accelerated computer science curriculum in both Java and Scratch programming languages to middle schoolers, with focuses in 2D game creation and basic algebra-based algorithms</li><li>Taught MATHCOUNTS, AMC/AIME, and USA(J)MO-level mathematics to middle/high schoolers through rigorous problem solving and proof-based problem sets</li></ul>	<b>Sugar Land, TX</b> <b>June 2016 – August 2016</b>
<b>HM 3D Printing</b> <i>CEO, Cofounder</i> <ul style="list-style-type: none"><li>Managed custom 3D printing business through online retail and custom design using CAD software.</li><li>Operated website and mailing/delivery for all products that were shipped to customers. Maintained domain, email server, cloud drive, and bank account. Optimized production methods to increase profit margins by 15%</li><li>Conducted field research to determine demand of products and viability of expanding variety and services</li></ul>	<b>Richmond, TX</b> <b>April 2015 – June 2016</b>
<b>ZT Wealth</b> <i>Summer Intern, Private Equity and Insurance</i> <ul style="list-style-type: none"><li>Attended pre/post-development meetings to help structure fundraising deals for the creation of healthcare networks and emergency centers across Houston</li><li>Handled licensing for insurance and sales for multiple US states for Altus Health's insurance plans</li><li>Shadowed VP of Private Equity for investor meeting with doctors and healthcare officials</li></ul>	<b>Houston, TX</b> <b>June 2015 – August 2015</b>
<b>HRSS CPA and Advisors</b> <i>Summer Intern, Accounting Firm</i> <ul style="list-style-type: none"><li>Helped re-sort online document archive system using FileCabinet CS and reallocated over 400 files, revamped a filter and sort method to effectively locate files</li><li>Worked extensively with Excel spreadsheets to display tax form data in multiple ways for analytics</li><li>Attended monthly client meetings and worked with CPAs to examine client tax forms and documents</li></ul>	<b>Houston, TX</b> <b>June 2015 – August 2015</b>

### AWARDS

<b>National Merit Finalist</b> Top 1% of 1.5 million test takers of the PSAT, further narrowed by an application process to become a finalist	<b>March 2016</b>
<b>Eagle Scout</b> Highest rank/award attainable in Boy Scouts of America program	<b>October 2015</b>
<b>Bronze Medalist in International Sustainable World Project Olympiad</b> Top 25% of all projects in the olympiad Piezoelectric energy harvesting project for nations in West Africa without infrastructural energy grids	<b>May 2014</b>
<b>Qualified for the USA Junior Math Olympiad (USAJMO)</b> 230 highest scorers on the AMC10/AIME exams in USA qualify (USA(J)MO is the final round of AMC testing)	<b>April 2014</b>
<b>Officer/Advisor in the Mayor's Youth Council of Houston</b> Worked with the Mayor of Houston for youth engagement, hunger reduction, social justice, and policy issues	<b>October 2013 – June 2016</b>

### SKILLS, ACTIVITIES, & INTERESTS

**Other Involvements:** Rice Computer Science Club, Muslim Students Association, Rice Finance, Intramural Ultimate Frisbee/Flag Football/Basketball, Rice Entrepreneurship and Innovation

**Skills:** Proficient in Microsoft Office. Familiar with Java, MATLAB, LaTeX, and FileCabinet CS