DEEPAK MOPARTHI

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Education
University of Illinois at Urbana Champaign, *In Progress*
B.S. in Computer Science, College of Engineering, James Scholar, **GPA:** N/A
Adlai E. Stevenson High School
Graduated with highest honors, **ACT**: 36 **SAT:** 1590 **UW GPA**: 4.0/4.0 **W GPA**: 4.81

Experience
Company: Illinois Institute of Technology, Chicago, IL   **(June '17-August '17)**
Role: paid summer SCC high performance computing intern, researching the relationship between CPU frequency and power consumption by writing advanced shell scripts from commandline; collaborated with undergraduate and graduate students to develop optimized specifications for the IIT cluster to perform high performance apps

Company: Eye Level, Buffalo Grove, IL   **(May '15 – July '15)**
Role: assisting in the mathematics education of young children by collaborating with other staff and assessing the accuracy of students' understanding

Technical Skills
Programming Languages: Java, C++, HTML, CSS, Linux, Git, Javascript, Shell scripting (bash)
Tools: Eclipse, IntelliJ, jUnit, Sublime, Commandline, Adobe Muse, Adobe Dreamweaver

Coursework
Computer Science Courses: CS 125 (Intro to Programming), 173 (Discrete Structures, In Progress), 126 (Software Design Studio, In Progress), 225 (Data Structures, Spring '19), 233 (Computer Architecture, Spring '19), 361 (Probability and Statistics for CS, Spring '19)
Mathematics Courses: MATH 241 (Multivariable Calculus), 415 (Applied Linear Algebra, In Progress), STAT 100 (Statistics)

Leadership/Activities
Captain of Stevenson Varsity Quizbowl Team: coordinated practice sessions and collaborated with coaches to design study regimen and schedule for the year; mentored incoming players personally to ensure future success of a nationally ranked team
Moody's Mega Math Challenge-modeled the effects of rising global temperatures on coastal sea levels using a four parameter logistic model and developed various indices to aid in allocating resources for five national parks (2017), modelled and developed strategies to minimize national food wastage (2018) ; published in SIAM undergraduate online research journal
ACM SigAI: interactively learning and expanding knowledge of artificial intelligence through various talks, meetings, and discussions of current AI technology

Honors

➢ Captain of quizbowl team that finished 6th at nationals and won three state tournaments
➢ Presidential Scholar Nominee, National Merit Finalist
➢ Two time AIME qualifier, (2015, 2017)
➢ Member of Moody's Mega Math Challenge winning team (2017), Finalist (2018)