NIKHIL PAIDIPALLY

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OBJECTIVE:

Future Computer Engineer/Scientist looking for a challenging academic or career opportunity.

EDUCATION:

William Rainey Harper College, Palatine, IL 6/2015 - Present
Pursuing a degree either in computer engineering/science, President's List, 4.0 GPA

- Second-year engineering pathways student with University of Illinois at Urbana-Champaign
- Expected to transfer to University of Illinois at Urbana-Champaign in Spring 2017 and/or graduate from Harper in May 2017
- Member of the Phi Phi chapter of Phi Theta Kappa, International Honors Society

WORK EXPERIENCE:

- Part-time staff, NWSRA, Meadows, IL 8/2014 – 2/2016, 5/2016-Present
  - 6 hours/week
  - Help provide recreational activities and care for children with special needs
- Tutor, Harper College, Palatine, IL 8/2016-Present
  - 10 hours/ week
  - Tutoring in Computer Science, Mathematics, & Physics

ACHIEVEMENTS:

- Fall 2016 recipient of the Harold Cunningham Memorial Mathematics Scholarship
- 2016 summer participant of the NASA Community College Aerospace Scholars (NCAS) Program
  - Received an overall grade of 95% in the online course; Selected for the fall onsite experience

RELAVENT COURSEWORK:

Computer Science: Introduction to Programming (C++), Intermediate Programming (C++), & Algorithm Analysis and Data Structures (C++/Java); Discrete Mathematics; Introduction to Computer Engineering

TECHNICAL SKILLS:

- Programming Languages Learnt: C++, Java, HTML, CSS
- Familiar in Unix and Windows environments.
- Familiar with Arduino programming and Visual Studio ID9E.
- Proficient in Microsoft Office and Autodesk Inventor 2014
- Trained in using the Meade 14" Schmidt-Cassegrain telescope of the Karl G. Heinze Observatory

ACTIVITIES AND HOBBIES:

Co-founder and Secretary, Soccer Club; Treasurer, Harper Society of Engineers; SGA representative, Shared Governance Committee: Technology; Member, Phi Theta Kappa Honors Society; Member, Harper Manufacturing and Welding Club; Senator, Student Government Association (SGA); President, Astronomy Club; Volunteer, Special Olympics; Powerlifting

PROJECTS:

- Karl G. Henize Observatory Dome Automation (In progress)
  - Designing a solution to automate the observatory dome such that it matches the azimuth of the Meade 14" telescope.
- Personal Website Construction (In progress)
  - Designing my own website for professional development, networking, and expanding my skill set.
- Busse Woods Water Conditions Sensor Housing Design
  - Designed a waterproof enclosure for a sensor package meant to monitor conditions such as algae, oxygen levels, and other related information for the Busse Woods Dam control.