Tushaar Kamat

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Education

Allen D. Nease High School

- Senior at Allen D. Nease High School.

- 4.74 weighted GPA, 4.0 unweighted.

- International Baccalaureate Diploma Candidate

- Ranked number 2 in class.

Exams

- National AP Scholar.

- Ten 5's and one 4 on AP exams.

- 1570 SAT score (800 on Math section).

- 35 ACT Score.

- 6 on IB music exam.

- National Merit Semifinalist.

Extracurricular

Piano

- Have learned piano for 10 years, and have experience with both classical and Jazz piano.

- Have played professionally at both a local restaurant and church.

Tae kwon do

- Practiced for 8 years, became a junior instructor.

- Earned a first poom black belt.

Clubs

- Equipment manager for Hi-Q.

- Treasurer for Mu Alpha Theta.

- Blessings in a Backpack.

- Robotics Team.

- National Honor Society.

Programming Languages

Java, Javascript, HTML, CSS, Clojure/Clojurescript, Haskell, Lisp, some C/C++.

Markup Languages

Org mode, Markdown, LaTeX.

Technologies

Android developement, React JS, Linux/UNIX, bash shell, Emacs, vim.

Service

- Volunteer as a cook and server at the Sulzbacher homeless shelter, and am part of a group that gives away vegetarian meals to the needy.

- Participated in Blessings in a Backpack for 3 years.

- Volunteered at the Cummer Museum for a summer camp.

- Helped my Tae Kwon Do instructor as an assistant instructor.

Accomplishents

- Developed *Youwatch*, a mobile application for Android. The application lets the user enter certain topics and minimum numbers of views, and it scans YouTube for matches.

- The app has 1000+ users, was featured in an Android news article.

✳ Web

- Developed a small web application for a school project that uses genetic algorithms to solve a maze.

- The website was developed using React JS, using a compiles-to-javascript language (clojurescript).

Other

- 1st place team in the Project Green District Competition, where our team designed and built a piezoelectric tile.

- Placed in a statewide math competition (MathCounts).