SAARTHAK SETHI

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Overview
Senior at TJHSST with a passion for technology, software development, and graphic design. Looking for an internship/opportunity to gain industry experience & knowledge by contributing to Computer Software projects.

Education
Thomas Jefferson High School for Science & Technology 2014 - Present

Relevant Coursework

AP Computer Science A + Data Structures
Web Application Development
Mobile Application Development
Foundations Computer Science Accelerated
Computer Vision

Advanced Analog Electronics
AP Calculus
Design and Technology
Digital Input Technologies
Computer Solutions

Skills

Software Languages Java, Python, C++, JavaScript (Node.JS/Express/Sqlite, Socket.io, jQuery, AJAX, Bootstrap, Materialize), HTML/CSS, XML

Software Applications Android Studio, Git + GitHub, Firebase, Adobe Creative Suite (e.g. Photoshop, Premiere Elements), Cinema 4D Studio, MSFT Office Suite (e.g. Excel, PPT)

Extra-Curricular Activities

FIRST Robotics *(6 years)*
State level finalist in First Lego League for three years. Reached Super-Regional level in First Tech Challenge for three years. Won 10+ awards.

Development Club *(1 year)*
Club dedicated to learning and applying Web Application Development skills. Used technologies including JavaScript, Git, Cloud9, Gulp, HTML/CSS, Leap Motion, and more.

Hackathon – *Madison Give Backathon*
Built native Android application: Peer tutoring network for students. *Java + XML + Firebase. bit.ly/2kJsE7p*

eCYBERMISSION *(2 years)*
Won $4,000 for RFID-powered item tracking device and competed at State level.

Team America Rocketry Challenge *(2 years)*
Designed, built, and launched payload-carrying rockets for competitions.

Hackathon Winner – *HackTJ*
Awarded Best Financial Hack. Built web application for group investments. Python + JavaScript (Node.JS/Express, Socket.io, jQuery, AJAX) + *HTML/CSS. bit.ly/2pEyjSC*

Mobile Apps Club *(1 year)*
Club dedicated to learning and applying Mobile application development skills in iOS and Android.

Sports Statistics Club *(2 years)*
Writer and officer for sports analytics club.

National Junior Honor Society *(1 year)*
Organization to honor students who demonstrate excellence in areas of Scholarship, Service, Leadership, Character, and Citizenship.

Kids are Scientists Too *(1 year)*
Tutored underprivileged elementary schoolers in Science, Technology, Engineering, Math, and English.

Odyssey of the Mind *(3 years)*
Unique engineering challenges e.g. building balsa wood towers to hold weights. Won multiple awards at the State and Regional levels.