SALIL NADKARNI

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EDUCATION

Northville High School — DEC 2015 - PRESENT

- *GPA*: **4.00** / 4.00
- *Scores*: SAT (**1590**/1600), SAT Math II (**800**/800), SAT Chemistry (**800**/800), SAT Physics (**750**/800)
- *Honors*: National Merit Semifinalist, Presidential Scholar, AP Scholar with Distinction, Briggs Scholarship ($3000), BPA MI 2nd (Web Design) and 9th (C++ Programming) in State
- *Relevant Coursework (AP*)*: Calculus 2*, Statistics*, Computer Science Java*, Computer Science Principles*, Chemistry*, Physics C (Mechanics and E&M)*, *Andrew Ng's* Machine Learning, CAD 1

Schoolcraft College (dual enrollment) — SEPT 2018 - PRESENT

- *GPA*: **4.00** / 4.00
- *Relevant Coursework*: Linear Algebra, Calculus 3, Advanced C++, Intro to C++

EXPERIENCE

Software Engineering Intern **@ Predica Inc.** — MAY 2018 - OCT 2018

- Investigate algorithms and data structures to find patterns in large datasets
- Pulled data through Javascript / LinkedIn API and stored using MongoDB

Management Lead @ **FRC 548, Robostangs** — OCT 2016 - PRESENT

- Visualized and developed vital robot systems (Spline Path Generation / PID / Vision)
- Preformed systems checks during competition, won Engineering Inspiration (States)

Participant @ **University of Michigan SCEEP** — JUN 2018

- One of sixty students nationwide selected to attend summer program at College of Engineering
- Collaborated to design and build VEX RC Robot in 2 weeks to solve specific challenge
- Developed custom control system using RobotC for better maneuverability
- Presented technical demo to judge panel, won "Most Resilient" award

Software Engineering Shadowing @ **MAGNA Powertrain** — JUL 2017

- One of four other members on the robotics team chosen to shadow co-op students
- Won first in an engineering design competition among interns

Incoming Participant @ **Google CSSI** — JUN 2019

- Will participate in competitive summer camp, Google Computer Science Institute at Detroit, MI
- Will learn from a specially designed project-based curriculum that includes HTML/CSS, JavaScript, Python and Google App Engine