

# Resumé

Anish Tondwalkar

September 6, 2011

i) Math and Science Classes Taken:

- (a) AP Calculus BC
- (b) Multivariate Calculus
- (c) Linear Algebra
- (d) Biology
- (e) Chemistry
- (f) AP Chemistry
- (g) AP Physics C
- (h) Optics and Modern Physics
- (i) Quantum Physics and Nanotech
- (j) AP Computer Science AB
- (k) Artificial Intelligence I and II
- (l) Digital Electronics
- (m) Design and Technology

ii) Senior Schedule:

Pd	Name	Rm	Teacher	Quarter(s)
1	Electrodynamics	101	Dell	1, 2, 3, 4
2	Complex Analysis	242A	Sachs	1, 2
2	Math Techniques	233	Osborne	3, 4
3	Optics Research	101	Dell	1, 2, 3, 4
4	Geosystems	143	Jarvis	1, 2, 3, 4
5	AP Government	T3	Torrence	1, 2, 3, 4
6	AP English Lan/Com	106	Harris	1, 2, 3, 4
7	Inquiry into Ideas	203	Kelly	1, 2
7	Computational Phys	101	Dell	3, 4

iii) Other skills

- (a) Independent study of math and physics from MIT's OCW and books like Arfken's Mathematical Methods and Feynman's lectures
- (b) Lecturing experience — lecturing physics team on some of these topics

- (c) \*nix administration skills and experience — Head Admin
  - (d) Robotics — Finalist at regional botball
  - (e) Rocketry — 1st place spring 2009 Battle of The Rockets
- iv) This summer I did an internship in plasma physics at the Naval Research Laboratory, working on modelling the ionosphere and testing the accuracy of our model against empirical data.