

SUMEDHA MEHTA

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SKILLS

LANGUAGES: Java – JavaScript – HTML5 – CSS

OPERATING SYSTEMS: MacOSX – Windows

AWARDS

Siemens Competition Regional Finalist – NCWIT Computing Award – USABO National Semifinalist – National Merit Semifinalist – Exxon Mobile State Science and Engineering Fair (5th place)

EXPERIENCE

Computational Epidemiology Research Intern 6.2015 - present

Center for Computational Epidemiology and Response Analysis

- Created a model written in Java to analyze the number of new infections at a certain time period using a user-designed graph in order to identify how communities within graphs affect the spread of a disease.

Curriculum Designer and Strategist 7.2015 – 8.2015

Rex Programming

- Created a 40-day hands on curriculum to teach students app development through MIT's AI2 from scratch
- Curriculum included clear and crisp directional advice to instructor with no prior programming experience with AI

Analytical Chemistry Research Intern 8.2013 – 3.2015

University of North Texas

- Co-Authored 4 Publications in The Physics and Chemistry of Liquids: an International Journal
- Determined and developed new coefficients for 14 organic compounds and ionic liquids using computational and statistical methods using SPSS Software
- Regional Finalist for Siemens Paper Competition

EDUCATION

CARNEGIE MELLON UNIVERSITY

2015-2018 (expected)

- Computer Science B.S

TEXAS ACADEMY OF MATH AND SCIENCE (UNT)

2013-2015

- High School Diploma + 70 hrs of college credit (4.0/4.0 gpa)