

Nishant Kheterpal

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734-205-8574

Education:

University of California, Berkeley - Technical GPA: 4.0/4.0

Expected Graduation: May 2019

- Major: Electrical Engineering and Computer Sciences
- Coursework:
 - CS 61A (Structure and Interpretation of Computer Programs), CS 61B (Data Structures)
 - Stat 94 (Foundations of Data Science), Stat 134 (Probability Theory)
 - Electrical Engineering 16 (Designing Information Devices and Systems I & II)

Ann Arbor Skyline High School - GPA: 4.0/4.0

9/2011 - 6/2015

- AP: 5/5 in Computer Science, BC Calculus, Physics, Statistics, Chemistry, Psychology, and English
 - ACT Composite Score: 36/36; SAT II in Chemistry and Math II: 800/800
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Work Experience:

Course Assistant, Foundations of Data Science, UC Berkeley

1/2016 - Present

- Developed course materials with professor
- Led group and individual tutoring sessions and staffed weekly office hours
- Graded student homework, projects, and exams

Research Assistant, University of Michigan Transportation Research Institute

7/2013 - 8/2015

- Second high school intern in institute history
- Analyzed sensor data with SQL and plotting tool Igor to evaluate vehicle safety equipment
- Troubleshoot and repaired road profiler used to measure road roughness
- Reduced GPS location error from meters to centimeters using internet corrections for vehicle-to-vehicle interaction accuracy
- Modernized suspension data analysis methods with Matlab, Fortran, and C
- Expected publication in *International Journal of Vehicle Design* (second author)

Front of the House Runner/Busser, Zingerman's Deli

6/2013 - 7/2013

- Held service position at a restaurant recognized nationally for exceptional customer service
 - Implemented system to record guest locations and expedite service
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Honors and Activities:

Skyline Quiz Bowl

11/2011 - 6/2015

- Individually ranked among the top five players in Michigan
- Four-year High School Nationals Competitor

Michigan Mathematics Prize Competition

- Four-year Round Two Qualifier (top 10%)
- Top 100 Statewide in 2015

Project Lead the Way Engineering

9/2012 - 6/2015

- Experience in Python, Java, and CAD (Autodesk Inventor)

Ann Arbor News Top Scholar

6/2015
