Navneedh **Maudgalya**

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Education/Coursework

B.S. in Electrical Engineering and Computer Science, B.A. in Cognitive Science — *University of California, Berkeley*

GPA: 3.67/4.00, Regents' and Chancellors' Scholar — *Aug. 2016 - PRESENT*

Structure of Comp. Programs	Signals and Systems	Multivariable Calculus	Internet Architecture
Data Structures	Linear Algebra	Information Devices/Systems	Human Neuropsychology
Discrete Math	Optimization Models	Probability/Random Processes	Developmental Psychopathology

Experience

Undergraduate Research Assistant — *University of California, Berkeley*

UC Berkeley Computational Cognitive Science Lab — *2017 - PRESENT*

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Data Science Intern — *San Francisco, California*

Stroll Health — *Summer 2017*

- Enhanced price estimate and network determination models for medical imaging centers using novel fuzzy string matching algorithms
- Improved company's data assets by aggregating, normalizing, and matching data sets from various sources
- Designed submission for Robert Wood Johnson Care Challenge and won $50,000 first place prize

Technical Consultant — *University of California, Berkeley*

Codebase Technical Consulting — *2016 - 2018*

- Developed an intelligent chatbot to conduct technical interviews for Crowdbotics

Leadership

Lab Teaching Assistant and Reader — *University of California, Berkeley*

EE16A/B Course Staff — *2017 - PRESENT*

- Debugged, graded, and helped facilitate homeworks, tests, and weekly electrical engineering labs

Project Manager — *Dublin, California*

Northern California Special Olympics — *2013 - 2016*

- Led team in designing and building machines to help paraplegic students play basketball and soccer

President and Team Captain — *Dublin, California*

Dublin High Robotics Club — *2012 - 2015*

- Directed two 8-student teams in constructing a robot for the VEX Robotics World Championships
- Organized and taught robotics, design, and computer science workshops at local middle schools to fundraise for the club

Awards

2018 **Top 3 Monte Carlo Markov Chain Application**, EECS 126 Final Project Competition

2014 **Excellence Award**, VEX Robotics State Championships

2014 **Best Education App by Pearson Inc**, "HSHacks" Hackathon

Skills

Python, Java, Pandas/Numpy/Scipy, Tensorflow, Keras, Javascript, SQL, Arduino, HTML/CSS, LaTeX