

Anika MUKHERJI

PERSONAL

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WORK EXPERIENCE

Current SUMMER 2017	Software Engineering Intern, VIDA HEALTH Working as an iOS developer for the summer of 2017. Responsible for a large portion of the application as part of a four person team.
JAN 2017 - MAY 2017	Research Assistant at Hoff Lab, DUKE UNIVERSITY <i>Software Development</i> Worked with peers on an open source project creating an interface between Arduino and R. Helped design the software, create documentation, and aid communications.
AUG 2016 - MAY 2017	Researcher at Glickfeld Lab, DUKE UNIVERSITY <i>Computational Modeling</i> Carried out an independent research project modeling the dynamics of synaptic circuits in the visual cortex using Python, and wrote a final scientific paper on my findings. Has given me unique insight into an interesting way to combine computer science and mathematics with a natural science.
FALL 2016	Calculus II and Applications TA, DUKE UNIVERSITY Taught the lab section of an advanced Calculus II course and held regular office hours.
SUMMER 2016	Summer Researcher at Henry Ford Hospital, DETROIT, MI AWARDS WON: First Place at Henry Ford Research Forum CHALLENGES/SKILLS LEARNED: data collection, research paper writing/publication process
MAY 2014 - AUGUST 015	Tennis Instructor at CROSBY TENNIS CHALLENGES/SKILLS LEARNED: handling communications and organizing large groups
SUMMER 2016	Caterer at Five Star Event Staffing, STERLING HEIGHTS, MI CHALLENGES/SKILLS LEARNED: customer satisfaction and problem solving on the fly.

EDUCATION

Current AUGUST 2015 GPA: 4.0/4.0	Bachelor of Science in COMPUTER SCIENCE/NEUROSCIENCE Duke University - Durham, NC <i>Dean's List with Honors every semester</i> <u>Relevant Coursework:</u> Data Structures and Algorithms, Discrete Math for CS, Introduction to Artificial Intelligence, JS/HTML/CSS (Coursera), Modeling of Cortical Inhibition, Matrices and Vector Spaces
AUGUST 2011 - JUNE 2015 GPA: 4.0/4.0	Northville High School - Northville, MI <i>National AP Scholar</i> <i>National Merit Commended Scholar</i>

INTERESTS, SKILLS, AND ACTIVITIES

SKILLS: Python, Java, JS/HTML/CSS, Swift, R, Git, Intermediate Spanish, Vision Neuroscience
ACTIVITIES: President of Club Tennis, Duke Admissions Tour Guide, Brownstone Selective Living Group, Wiring With Women Executive Board, DTech Scholar
INTERESTS: Tennis, Duke Basketball, training Neural Nets, Cosmology