

Anika MUKHERJI

PERSONAL

PHONE NUMBER: 248.974.1990
EMAIL: anika.mukherji@duke.edu
GITHUB: github.com/anikamukherji
PERSONAL WEBSITE: anikamukherji.io

EDUCATION

Current | COMPUTER SCIENCE/NEUROSCIENCE- "MINDS AND MACHINES" B.S.
AUGUST 2015 | **Duke University**- Durham, NC
GPA: 4.0/4.0 | *Dean's List with Honors every semester*

WORK EXPERIENCE

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|------------------------|---|
| MAY 2017
- NOV 2017 | iOS Software Engineer, VIDA HEALTH <ul style="list-style-type: none">• Built the 2.0 Vida iOS app (released in fall 2018) on a team of four.• Redesigned the task list and created 3 metric input screens from scratch.• Introduced the entirely new paradigm of weekly frequency to the tasks - both UI and algorithmic work.• 100% of my software was shipped into production/Closed over 55 PRs during my summer internship. Continued into fall 2017 as a remote software engineer. |
| CURRENT
AUG 2017 | Ethics and AI Research Group, DUKE UNIVERSITY <ul style="list-style-type: none">• Received an offer to join a Bass Connections team studying the ethics of AI.• Created a website for the group and their research at moralai.cs.duke.edu.• Conducting independent research on the use of AI in the health care system. |
| JAN 2017
- MAY 2017 | Research Assistant Software Development at Hoff Lab, DUKE UNIVERSITY <ul style="list-style-type: none">• Spearheaded an open source software project, one that created a new R package to interface between Arduino and R scripts.• Lead my team of peers as we laid down the framework, basic functionality, and documentation, which is to be embellished upon in coming years. |
| AUG 2016
- MAY 2017 | Researcher at Glickfeld Lab, DUKE UNIVERSITY
<i>Computational Modeling</i> <ul style="list-style-type: none">• Devised and carried out a self-guided research project modeling the dynamics of synaptic circuits in the visual cortex using Python.• Developed a model with the flexibility to test any neuronal architecture with custom dynamics.• Wrote a final scientific paper on my findings. |
| CURRENT
FALL 2016 | Mathematics TA, DUKE UNIVERSITY <ul style="list-style-type: none">• Taught the lab section of an advanced Calculus II course for 30 students and held regular office hours for all class sections.• Currently a grader for a linear algebra course. |

Leadership Positions

Wiring with Women Exec Board
Duke Tech Scholar Exec Board
Club Tennis President
Duke Admissions Tour Guide
Wiring with Women Peer Mentor

Skills

Python ★★★★★
iOS - Objective C, Swift ★★★★★
Java ★★★★★
JS/HTML/CSS, React ★★★★★
C ★★★★★

Honors

Duke Technology Scholar
Rewriting the Code Fellow
NYAS Next Scholar
Phi Beta Kappa
Henry Ford Research Forum
Winner