

VIKRAM HEGDE. See more at www.vikramhegde.org

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Summary

Motivated self-starter and involved in a number of intensive and rigorous engineering and programming activities on campus. Worked for Charter Communications in a rapid iOS software development team in a summer contracting role. Looking to transition into gene therapy and drug discovery centered lab work focused role for the coming co-op cycle.

Available: June-December 2019 full-time through the Northeastern University Co-op Program.

Education



Northeastern University – Boston, MA

(May 2023)

GPA 3.60

Candidate for Bachelor of Science in Bioengineering, Master of Science in Bioengineering, Minor in Music; Earned Minor in Math

Relevant Courses Bioelectricity (LAB), Transport and Fluids, Biomolecular Dynamics and Control, Organic Chemistry (LAB), Quantitative Physiology, Biomechanics (LAB), Probability and Statistics, Dynamical Systems, Biostatistics (BMES) (LAB), Cornerstone of Engineering, Chemistry, Biology

Skills

<u>Programming</u>	<u>Engineering / Science</u>	<u>Applications</u>	<u>Professional Skills</u>
<ul style="list-style-type: none">• Arduino• Swift• Java• Dart	<ul style="list-style-type: none">• Organic Chemistry• Physiology• Applied Math• 3D Printing / CNC	<ul style="list-style-type: none">• SolidWorks• AutoCAD• Matlab• Microsoft Office	<ul style="list-style-type: none">• SCRUM• Short Cycle Deliverables• Prototyping

Experience

Learning and Innovation Center, Northeastern - Boston, MA January 2018 – Present

Engineering Assistant

- Work in the Engineering Center assisting students with Matlab, Arduino, and C++.
- Advise students with engineering challenges and in-class problems as well as self-planned open projects involving components such as RFIDs, motors, Soil Moisture Sensors, Water Sensors, Light Sensors; integrate these components with Arduino and Matlab App Designer.
- Assist students with engineering design; 3D Print and CNC student designed CAD Models for prototyping of student designs.

Charter Communications - Denver, CO July 2018 – September 2018

Principal Technologist I

- Designed and implemented an iOS viability study for a critical internal Video-On-Demand status tracking RESTful service to be made available on the mobile platform.
- Presented my work and progress to my team during daily SCRUM meetings.
- Gave overviews of completed project to SVPs and Team Leads in operations and software engineering branches.

Awards

National Merit Finalist *Awarded the National Merit Scholarship and Finalist status for exceptional score on the NMSQT and performance in my studies.*

Northeastern Dean's List *Held a cumulative GPA greater than 3.5 for all semesters at Northeastern.*

Honors College *Member of the Northeastern Honors College.*