

Nabeel Eledroos

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EDUCATION

UMASS AMHERST

BS in Computer Science

2017 - 2021 | Amherst, MA

- College of Information and
Computer Sciences

- Commonwealth Honors College

- GPA: 3.6 / 4.0

LINKS

Github: [nabeel-eledroos](#)

LinkedIn: [nabeeledroos](#)

Website: [nabeel-eledroos.github.io](#)

COURSEWORK

COLLEGE

Algorithms

Data Structures

Computer Systems Principles

Discrete Probability/Mathematics

Functional Programming

Operating Systems

Computer Networks

Machine Learning

Artificial Intelligence

Computer Vision

Digital Forensics

Applied Cryptography

Physical Computing

Calculus

Linear Algebra

HIGH SCHOOL

AP Computer Science

Oracle Databases

Intro to Cybersecurity

SKILLS

PROGRAMMING

Java • Python • C • C++

Bash Scripting • HTML • CSS • SQL

Arduino • Swift • Javascript • Scala

TOOLS

Git • Docker • NumPy • Pandas

Kubernetes • Android Studio

Adobe Creative Suite • Agile SW

Development (JIRA)

AWARDS

- 3rd Place - Computer Problem Solving
(2016 FBLA conference)

EXPERIENCE

F5 NETWORKS | Software Engineering + Networking Intern

May 2019 – Aug 2019 | Billerica, MA

- Collaborated with the host-os team as a full-stack developer, writing code for the operating system of a next generation load balancing machine.
- Designed and developed a python script inside a Docker container to allow clients to interface with an external ConfD database.
- Wrote bash scripts to implement required functionality on the operating system, such as importing files and installing packages.
- Redesigned legacy code within the operating system which yielded an increase in efficiency.

IDEMIA | Software Engineering Intern

May 2017 – Aug 2017 | Billerica, MA

- Developed unit tests for the eID, a mobile ID Android app written in Java with Android Studio.
- Worked closely with other members of the team to commit changes to Git quickly and coordinate about new updates.

PROJECTS

GESTURE CONTROLLED CAR Amherst, MA

Developed Arduino code to wirelessly connect a microprocessor in a toy car to a Myo armband which reads hand gestures to control the car's movement. Also developed an Android app to allow the armband to send information to the car.

FINITE LAUNCHER Boston, MA

Designed and developed a circumstantial android application launcher that displays different apps for the user on their home screen depending on their current location.

ONPOINT Marlborough, MA

Designed an iOS application to guide a high school student through their educational process, and assist with the organization of their college application and future in the workforce.

ACTIVITIES

UVC-TV19 | Web Developer | Videographer

2018 - Present | Amherst, MA

As videographer, worked closely with Production Coordinator and UVC staff to provide video coverage and editing of events and/or promotional videos for campus clubs and other departments.

MCSS VOLUNTEERING | Volunteer

2015 - Present | Worcester, MA

Volunteer at fundraisers and food drives that are hosted by the Muslim Community Support Services. This involves setting up, serving people, and cleaning up.

LEADERS OF TOMORROW | Event Coordinator/Volunteer

2014 - 2017 | Marlborough, MA

Organized events such as fundraisers or sports games for our school. We also regularly volunteered as a group at local soup kitchens, preparing and serving food for the needy.