

Nabeel Eledroos

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EDUCATION

UMASS AMHERST

BS in Computer Science

Sep 2017 - Present | Amherst, MA

- College of Information and
Computer Science

- Commonwealth Honors College

GPA: 3.6 / 4.0

LINKS

Github:// [nabeel-eledroos](#)

LinkedIn:// [nabeeeledroos](#)

COURSEWORK

COLLEGE

Algorithms

Data Structures

Computer Systems Principles

Discrete Probability

Discrete Mathematics

Functional Programming

Computer Vision

Digital Forensics

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

JSON • Perl • Yang • \LaTeX

TOOLS

Git • NumPy • Matplotlib • Pandas

Eclipse • Android Studio • Xcode

Adobe Creative Suite • Microsoft Office

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

- Worked on the host-os team, writing code for the operating system of a next generation load balancing machine.
- Full-stack developer: developed python code inside a Docker container 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.
- Committed changes to host Git repository, everything written is production code

IDEMIA | Software Engineering Intern

May 2017 – Aug 2017 | Billerica, MA

- Worked on the mobile team, developing unit test cases for an electronic ID android application written in Java with Android Studio.
- Constantly pushed to a Git repository, and worked closely with other members of the team to commit changes 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 | Videographer

2018 - Present | Amherst, MA

Work 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.