

# NADER ABDELRAHMAN

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Enthusiastic software engineer with over 4 years of development experience working in small startups and various code projects. Developed everything from e-commerce site prototypes to AVL Trees. Great passion for programming and am a quick learner. Strong interpersonal and technical skills. Enjoy working in teams as well as drilling down individually.

## EDUCATION

**B.A. Computer Science, Hunter College, New York, NY**

**Expected Graduation May 2018**

- Major GPA: 3.08 | Cumulative GPA: 3.02
- Dean's List Fall 2016

## QUALIFICATIONS

### Technical Skills:

- 4+ years of experience with C++ and Linux || 1 year of experience with HTML/CSS, Git
- 3-6 months of experience with Java, JavaScript, Node.js, Express.js, Handlebars.js, MongoDB, MySQL, and various frontend and backend APIs

## EXPERIENCE

**Course Projects, Programmer, Hunter College, New York, NY**

**January 2014 - Present**

- Coded and designed various projects related to the advanced course work at Hunter College. Projects included:
  - <https://github.com/NaderAbdelrahman>
  - Sentence Similarity Metric: Calculate Maximum Worst Stretching Factor Using Edit Distance
  - Dotify: A program to maintain a user's song library and playlists with smart playlist creation based on user behavior
  - The Rule of Five: Demonstrates understanding and proficiency in the utilization of the default constructors
  - Tree Implementations: Displays a deep understanding of how trees function and how to implement them
  - Hashing: Establishes a thorough grasp of hashing functions and optimization of hash tables

**HEAconsulting, Paid Consultant, Engineering and Design Company, New York, NY**

**January 2014 - January 2017**

- Managed technical aspects of launching digital advertising campaigns
- Lead the construction and design of the company's website
- Served as an engineering and software consultant on existing projects

**Artwrld, Software Engineer, Tech-Startup Company, New York, NY**

**June 2017 - September 2017**

- Assisted in the design and development of an MVP in the form of a website allowing artists to share and sell their artwork
- Distilled business requirements into functional technical requirements to take the project from concept to finished product
- Helped produce the specifications for the MVP, Phase 1, Phase 2, and system architecture to future proof the code
- Developed the basic framework for the web application, using Node.js, MongoDB, HTML/CSS, JavaScript, Express.js, Handlebars.js, bootstrap, and various other APIs
- <https://secret-wave-32790.herokuapp.com/>

**iSEC Partners, Paid Intern, Expert full-service information security firm, New York, NY**

**June 2014 - September 2014**

- Aided in the development of a device tracking system using MySQL in the backend to store device information
- Troubleshot various database related issues and provided engineering support and solutions
- Located and solved many company server and network related issues

## AFFILIATIONS AND ACCOMPLISHMENTS

**The Opportunity Network, New York, NY**

**January 2011 - Present**

- A member of the highly selective development program that provides access to career opportunities, professional networks and college preparation

**Islamic Society of Mid-Manhattan, Teacher, Cultural Institution for Students, New York, NY**

**June 2009 - Present**

- Taught classes consisting of 20+ students various subjects, including Arabic and world history
- Provided extra assistance to students with special needs, and coordinated 1-on-1 tutoring
- Solved hardware and software related issues ranging from digital projectors to industrial printers

## COMMUNITY SERVICE

Volunteer, Islamic Society of Mid-Manhattan, 2009-Present

Volunteer, Muslim Consultative Network, 2011-Present

Volunteer, Holy Trinity Roman Catholic Church, 2011-Present