

Thomas Hanna

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Farmingdale, NJ
March 15, 1996

Education

Rutgers University

Bachelor of Science, Computer Science

New Brunswick, NJ

January 2018 – May 2020

Brookdale Community College

Associate of Science, Computer Science

Lincroft, NJ

January 2016 - December 2017

Computer Skills

Languages:

Python, Java, C, JavaScript, SQL.

Frameworks and API's:

Laravel, Vue, Node, PDFMake, D3, Electron.

Software Experience:

BASH, Eclipse, Android Studio, PHP Storm, MATLAB, Git, MySQL Workbench, Microsoft Office, SSH, GDB.

Operating Systems:

Windows, UNIX, Linux.

Related Courses:

Data Structures, Cryptography, Computer Security, Database Design, Systems Programming.

Projects

Cryptography Algorithms

- Multiple programs designed to help decrypt/encrypt plaintext. Each program has its own use from encrypting/decrypting to finding prime numbers or factoring integers. I wrote these functions and programs to help me learn python. Written in Python using various text editors.

Crypto-Chat

- Android application that sends encrypted messages through email using end to end encryption with SHA-1 hash functions and private/public keys. Written in Java using Android Studio.

My Malloc

- This program creates a pseudo heap and mimics the “malloc()” and “free()” functions used in the C language. Written in C using various text editors.

Work experience

Vorsi Software

Software Developer

Hudson Valley, NY

May 2019 – Current

- Worked on a CRM software that was developed in JavaScript Vue and PHP using the Laravel framework. The CRM was used by a commodity distributor with over 800 clients. I Gained knowledge working with scalable and secure web applications. My main role was to add new features and fix bugs.

Brookdale CC Learning Center

Tutor

Lincroft, NJ

January 2017–December 2017

- Assisted students in acquiring better understanding of Java programming, data structures and SQL. Demonstrated ability to assist students in achieving higher grades on computer science related courses.