Timothy McNamara

Walpole, MA | 508-404-5635 | timmy.mc.2@gmail.com | timothymcnam.github.io | linkedin.com/in/tim-mcnamara

Objective

Junior student seeking a Summer of 2018 internship where I can utilize and improve my skills while providing meaningful services to the company

Education

BACHELOR OF SCIENCE | 2019 | UNIVERSITY OF MASSACHUSETTS AMHERST

· Major: Computer Science
· Minor: Mathematics
· GPA: **3.884**
· Related coursework: Algorithms, Data Structures, Programming Methodology, Computer Systems Principals, Reasoning Under Uncertainty, Calculus 1-3, Linear Algebra
· Enrolled In: Artificial Intelligence, Software Engineering, Stats I, Social Issues in Computing

Skills & Abilities

· Known Languages: Java, Scala, Python, C, C++, SQL, HTML, CSS
· Experience With: Git, Unix, Unit Testing, AKKA, Regex, Data Structures, Algorithms, Eclipse
· Exceptional Leadership, Communication, Organization, and Problem-Solving Skills

Experience

UNDERGRAD COURSE ASSISTANT | UMASS COMPSCI 220 | JAN 2017 - PRESENT

· Worked alongside UCA's and professors to complete tasks such as creating programming projects, testing/grading projects, leading a discussion, holding help sessions, and monitoring a Q&A forum

INTERN | CHAOS SUMO | MAY 2017 – AUG 2017

· Collaborated with co-workers and management with the goal of creating an abstract layer on AWS
· Completed various tasks including macros, dependency graphs, test suites, and error handing systems

Projects & Activities

HACK HAMP | APRIL 2017

· Worked with a team to fabricate a program that is input a song title and generates relevant lyrics
· Completed various tasks such as building a Markov chain to scan and produce lyrics, giving the output a grammar, and designing an algorithm that gave the song a rhyme scheme

WALPOLE ROBOTICS TEAM | SEPT 2013 – MAY 2014

· Implemented the Engineering Design Process to design, build, and program various elements of a robot
· Led a team to create, and later improve, an application used to collect data during competitions