MEGAN KALE

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EDUCATION

City University of New York at Queens College, Queens *January 2016 - August 2019*
Masters in Computer Science
Graduate Coursework: Data Structures, Theory of Computation, Principles of Programming, Image Processing, Distributed Systems, Computer Vision, Genetic Programming, Computer Architecture

State University of New York at Oswego, Oswego *August 2010 - December 2014*
Bachelors in Biological Science Member of the Honors Program

WORK EXPERIENCE

NYC Tech Talent Pipeline January 2017 - May 2017
Resident

· The TTP Residency connects qualified computer science majors with NYC businesses. Students participate in a pre-internship training that provides web development and soft-skill curricula. Upon completion of training, participants begin a paid internship at leading NYC businesses.

Helm Solutions, Inc January 2017 - April 2017
Software Engineering Intern

· Implemented QA testing skills to verify the efficacy of apps in development

Hooch, Inc April 2017 - May 2017
Software Engineering Intern

· Designed a Ruby script to update vendor database entries

Sunrise Systems, Inc. June 2016 - August 2016
Quality Assurance Intern

· Tested new software releases for Tax Portal System. Designed and executed test procedures, reported incidents, and worked with databases.

Family Dentistry May 2011 - June 2016
Insurance Claims Manager / Administrative Assistant

· Communicated with insurance companies to file claims and manage patient dental coverage.

PROJECTS

Podcast App with Enhanced Accessibility for the Hard of Hearing
The project aims to design and implement an android application that allows for the consumption of podcast media by the hard of hearing. This app presents podcasts as both an audio clip and a transcription, which allows consumers to either read independently or follow along as they listen.

Morphology of a Binary Image
A project designed to depict the effects that morphological operations have on a binary image. Four different morphological operations, erosion, dilation, opening, and closing are performed on an input file and the output of each operation is saved to an output file.

Computer Simulation of an Elevator
The project simulates the operation of an elevator in a hotel with multiple customers and produces an output file that relays the statistics of the operation. These statistics include the average wait time, the number of people requesting, and the total travel time of the elevator from each floor to any other floor.

LANGUAGES AND TECHNOLOGIES

C++; Java; Javascript; HTML; CSS; Git;
NetBeans; Eclipse; Atom; Github; Node; Ajax; APIs; Express; PostgresSQL; Microsoft Office

ADDITIONAL EXPERIENCES AND AWARDS

Github Account: https://github.com/megankale
Donarly, Inc. (2017): Chief Design Officer
CUNY Hackathon Winner (2017): 3rd Place award for the app SpareChange
Presidential Scholar (2010-2014): SUNY Oswego Microsoft Office