Shehtab Zaman

36-08 29th Street, Apartment 4H, Astoria, New York, 11106

917-651-3696 | shehtabzaman@gmail.com | szaman19.github.com | szaman19 | shehtabzaman

Education

Binghamton University, State University of New York   *Binghamton, New York*

WATSON SCHOOL OF ENGINEERING AND APPLIED SCIENCE   *Expected May 2019*
- Bachelor of Science in Computer Science

HARPUR COLLEGE OF ARTS AND SCIENCE
- Bachelor of Science in Mathematical Physics
- Deans List: Fall 2015, Spring 2016, Fall 2016, Spring 2017

CGPA:3.9/4.0

Technical Skills

Programming Languages   Java, JS, Python, PHP, SQL, MIPS Assembly, Mathematica

Proficient   Windows, Linux, MacOS, Microsoft Office Suite, MySQL, MongoDB, LaTEX, Angular

Professional Experience

Binghamton University   *Binghamton, New York*

INTRO TO PROGRAMMING COURSE ASSISTANT   *August 2017 - Present*
- Assisted an introductory class of 64 students on programming with weekly coursework, assignments, and labs
- Maintained and updated course website and discussion forum to assist students outside of class
- Participated in weekly grading meetings with course instructor to grade assignments and lab work

Binghamton University   *Binghamton, New York*

PHYSICS LAB TEACHING ASSISTANT   *January 2015 - May 2016*
- Instructed introduction to physics labs for 20 students by performing demos and testing students
- Participated in weekly meetings with instructor to review instructions and prepare lab materials

Freelance Developer   *New York, New York*

WEB AND DATABASE DEVELOPER   *June 2014 - August 2015*
- Developed online data collection and retrieval system using MYSQL, PHP, and JS
- Interacted with customers and clients while performing pro-Bono programming for non-profits organizations

Star Learning Center   *New York, New York*

MATH AND SCIENCE TUTOR   *August 2012 - May 2014*
- Created and organized lesson plans for high school level math and science courses
- Provided free science one on one tutoring to economically disadvantaged and under-performing students

Project Experience

BuzzFood   *New York, New York*

BACK-END DEVELOPER AND DESIGNER   *January 2016*
- Developed an app for a hackathon to search restaurants using image recognition of the food someone is craving
- Programmed using a Flask back-end, AngularJS front-end, Clarify, Foursquare and Google Custom Search API

WorkTogether   *Binghamton, New York*

DEVELOPER AND DESIGNER   *December 2015*
- Built a program to identify common free times among group members according to their iCal or Google Calendars
- Hosted the program logic on a self-created web server using Flask with a MySQL database for data storage

LeapMotionMusicPlayer   *Troy, New York*

BACK-END AND HARDWARE DEVELOPER   *November 2015*
- Created gesture controlled music player using Python and Bose API
- Utilized Leap Motion as the input sensor with commands sent via web socket to wi-fi connected Bose speakers

Honors & Awards

ImMerse   *New York, New York*

HACK COOPER FINALIST AND BEST VIDEO HACK WINNER   *October 2016*
- Engineered with a team of 3 a touch-free gesture controlled media player that feature an infrared sensor
- Collaborated with members to use Javascript, Electron, VideoJS,and Bootstrap to develop the media player