EDUCATION

**University of Wisconsin - Madison**

Bachelor of Science Degree in Computer Science

Major GPA: 3.7/4.0, Dean’s List (3 semesters)

Overall GPA: 3.65/4.0

**University at Albany SUNY** *Jan 2016 – May 2017*

Bachelor of Science Degree in informatics

Overall GPA: 4.0/4.0

**Major Course Work:**

Database Management Systems, Data Structure, Operating Systems, Algorithms, Computational Photography,

Optimization, Cryptography, Machine Organization&Programming, Matrix and Linear Algebra, Computer Engineering.

**Skills:**

Java, C, C++, Python, Julia, Linux, SQL, MySQL, JAVASCRIPT, HTML, HTML5, CSS, MATLAB, GIT

**TEAM PROJECTS**

**Data analysis on user meal plan**

*Team project, Project group leader*

* Conducted a project that analyze given food data file and enabled user to create their own meal list through analyzing and filtering foods based on nutritional conditions user set.
* Developed a graphical user interface to allow users navigate and utilize the functionalities of the program.
* Reduced time complexity of program by implementing data structure through B+ tree and HashMap and implemented Junit tests to test small parts to minimize errors.
* Cleaned data through filtering and transformed the data into comfortable dataset.
* Ranked top 10% in the class.

**DCT Steganography**

*Team project, Project group leader*

* Designed and implemented DCT image steganography algorithm to share information outside the human visual system.
* Combined cryptography knowledges to optimize the algorithm be safer and use less space when creating the resulting image.
* Produced a program that user can use their own image to hide any information within the image and send it to someone user wants.
* Managed weekly meeting during the semester to keep track of each members’ process and held discussion time to give feedback each other.

**Binary classification based on the logistic regression**

*Team project*

* Conducted a project to determine if a patient tends to be diagnosed to have diabetes based on certain attributes and used part of real world data to train the logistic regression weights and others as a test data to check accuracy.
* Implemented logistic regression as a linear combination of eight attributes followed by a sigmoid function.
* Produced a research paper that proves our project worked with real world data and coordinated weekly team meeting to check each members’ progress throughout the semester.

**WORK EXPERIENCE**

**MASTEF** **LLC, Madison & New York** *Sep 2017 –Present*

*Web developer*

* Design and maintain webpage for a brand MASTEF.
* Update web style and pages in collaboration with design team members.
* Led first pop-up store event successfully and led to social media promotion from 2,000 to 4,000.
* Attributed to success of Second-capsule by casting and contacting models throughout the semester.
* Contributed in organizing a fashion show directed by MODA magazine.

**LEADERSHIP**

**KSEA**  *Sep 2017 –Present Digital Media Coordinator*

* Supported Wisconsin KSEA chapter to be the best chapter in the US by increasing number of members and collaborating with the WI chapter council.
* Manage social media to recruit members and advertise KSEA.
* Conduct KSEA semester’s financial plan and manage financial expenses monthly.
* Manage line of communication between other club boards for coordinating every event and activities.