

Feazan Yaseen

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EDUCATION

Stony Brook University, Stony Brook NY
Bachelors of Science, Computer Science
Dean's List

Graduating May 2019

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Databases (SQL)
- Web Development
- Systems Programming
- Scripting Languages

EXPERIENCE

North American Digital Communications – New York, NY
Information Technologist

December 2012 – March 2014

- Resolved hardware issues for clients post location change
- Provided client support to ensure smooth transition between offices
- Assisted in creating portions of front end for website

PROJECTS

YelpCamp – NodeJS | Express | MongoDB | Bootstrap

- Web application of a community driven campground directory
- Users can add and comment on campgrounds listings
- Implemented Passport.js authentication for secure login sessions
- Persisted User and Camp data in MongoDB to facilitate rapid prototyping
- Currently deployed on Heroku servers

Resort Hub – Python | Flask | MySQL | HTML | CSS

- Travel agency website for booking and flights, cruises and rental cars
- Collaborated between team members to complete specified tasks
- User registration and login implemented using sessions
- Employee login available as customer support
- User and Flight/Cruise/Accommodation information stored using relational database

Multi-Threaded Caching Server - C

- Implemented POSIX threads, Multi-threaded safe network for multiple clients to connect to a server
- Designed multi-thread safe data structures (Queue, Hash Map – used linear probing and Jenkins hash function)
- Established a Socket interface for endpoint communication with a specified port number (Networking)
- Concurrency implemented the producers/consumers pattern via semaphores and mutex
- Utilized version control throughout the project via GitLab, currently hosted on GitHub, linked above

Buzzword – Java | JavaFX

- Buzzword is a fully featured application built off the word game Boggle, backend in Java
- Complete application including user creation and password authentication
- Implemented the Login GUI, Level Select GUI and Gameplay GUI using JavaFX and CSS
- File-storage system took user data, read and wrote to JSON file
- Object oriented design using Java design patterns

SKILLS

- Java, JavaFX
- Python, Flask, MySQL
- NodeJS, Express, MongoDB
- HTML, CSS, Bootstrap
- JavaScript, jQuery, Ajax
- Android Development
- Unix, C
- Git
- Latex