

Feazan Yaseen

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EDUCATION

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

Graduated May 2019

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Cloud Computing
- Software Engineering
- Databases (SQL)
- System Fundamentals

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

Stack Overflow Clone – Microservice Architecture | NodeJS | Express | MongoDB

- Cloned Stack Overflow backend of all features
- Utilized RabbitMQ to satisfy high volume requests at peak times
- JWT user authentication and logging
- NGINX load balancer used to divert requests to their microservice destinations
- Used Apache Cassandra to store images/media files

Congressional Redistricting App – Spring Boot | MySQL | LeafletJS

- Automated generation of congressional districts based on set parameters (i.e. Compactness, Partisan fairness)
- Waterfall design approach, created sequence diagrams in planning phase from set requirements
- LeafletJS map used to highlight generated districts, as well as show current district borders
- Java backend interfaced with MySQL database using Hibernate JPA
- Included demographic data preprocessed into GeoJSON files for LeafletJS

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

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