

JOHN DILAG

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EDUCATION

May 2016

Stony Brook University *Stony Brook, NY 11794*

Bachelor of Science, Computer Science

Cumulative GPA: 3.14/Senior Year GPA: 3.79

TECHNICAL PROFICIENCY

Languages

Java, SQL, Python, C, JavaScript, HTML5, CSS3, SML

Tools

NetBeans, IntelliJ IDEA, Sublime Text, Git, Google Cloud Platform, Secure Shell Client

Database Systems

MySQL

PROJECTS

dotComics (6.dotcomics-v2.appspot.com)

- Web application to draw, share, and read comics.
- Follows MVC design pattern. Front-end built with Bootstrap and JQuery. Back-end uses Beans. Utilizes Servlets and DAO's for server-client communications.
- Deployed on the Google App Engine. Uses Google CloudSQL for data storage.

SocialConnect

- Mock social media website team project similar to Facebook/Google+. Features ability to post, like, comment, and edit user profiles

Tic Tac Toe (jd-tictactoe.appspot.com)

- Web application deployed on Google App Engine. AJAX calls to update leaderboard stats stored on Google Cloud SQL.

Kenopsia (jsdcloud.com/john/kenopsia.html)

- Short 3D animation of a haunted school hallway. Utilized Blender to build environment, animate movements and render video. Photoshop to edit textures.

COURSE HISTORY

Introduction to Algorithms

- Studied sorting algorithms, recursive structure, dynamic programming, shortest paths, optimize algorithms, measure time complexity and memory efficiency

Software Engineering

- Studied software development lifecycle and build processes. Collaborated with a team for final project, from requirements analysis to deployment

Principles of Database Systems

- Fostered techniques in Relational Database Management System design, normalization, manipulation, and integration into applications

WORK HISTORY

May 2015 – Jan 2016

Joe Fresh *New York, NY 10011*

Sales Associate

- Greeted customers and maintained an organized floor set
- Handled purchases at the register, managed stock and supervised fitting room

Aug 2013 – May 2015

Teaching, Learning + Technology *Stony Brook, NY 11794*

Student Technologist

- Managed the school's computer labs, printers and computer equipment
- Assisted students and faculty with software and hardware troubleshooting