

YONG D. LIU

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EDUCATION

CUNY, Brooklyn College

Major: Bachelor Science in Computer Science, Graduated May 2016

Overall GPA: 3.5/4.00

Relevant Coursework: Data Structure, Principles Computer Architecture, Object-Oriented Development, Application Design and Implement (in Java), Computer and Ethics, Intro and Advance Programming in C++, Introduction to Discrete Structures, Discrete Mathematics, Algorithm, Operating System, Computer Graphics

PROJECTS

Cox, CISC 4900 (Independent Project) CUNY Brooklyn College, Spring Semester 2016

HabitLoop, Android Application for tracking habits

- Programmed the layouts of the application in Android Studio using XML.
- Implemented a calendar interface for keeping records of the habit using Java and the bar graph interface to present progresses using Java.
- Used the model-view-controller design pattern when developing the application.
- Designed both the graphics for the looks of the application by using Adobe Photoshop CS6 and the user interface that is user-friendly, simple, and easy to manage.

Kletenik, CISC 3665 (Game Design) CUNY Brooklyn College, Spring Semester 2016

BubbleMan, Processing Game Inspired by Bomberman

- Programmed the functionalities of the game in Java, ex: moving, dropping bubbles and getting items.
- Designed and Implemented the action patterns for the AI to play with the player.
- Used A* algorithm for finding paths, give them priorities whether to chase an opponent, dropping bubble, or getting items.
- Created the graphic icons for the game using Adobe Photoshop CS6.

WORK EXPERIENCE

Future Intedu Center Inc. Flushing, NY, Summer 2015

Front End Web Developer

- Arranged the basic structures of the websites using Jade template and html.
- Worked in Node.js and Express.js environment for the web development.
- Decorated the website according to the design using both pure CSS and Less.js.
- Programmed the functionalities of the website using JavaScript and JQuery.
- Managed the datas transferred by the backend developers, handling JSON formed datas.
- Utilized Github for version control, make sure the front end and back end developments are at the same page
- Worked in MongoDB database system with the backend developers.

Innovative Web Services Inc. Queens, NY, July 2016 - present

Website Maintenance

- Programmed Wordpress websites to meet the functionalities and looks requested for the clients.
- Implemented responsive qualities for the websites over multiple devices.
- Optimized the websites for them to appear on the first page of the search engines.
- Fixed problems with plugins conflicts.
- Utilized Child-Theme to avoid overridden from theme updates.
- Used cPanel for web hosting and file management.

SKILLS

Programming Languages: Java, C++, HTML, XML, CSS, JavaScript (familiar with JQuery)

Operating System: Windows (98, 2000, XP, Vista, 7, 8), Linux, Macintosh

Softwares: Microsoft PowerPoint, Microsoft Word, Microsoft OneNote, Paint.Net, Adobe Photoshop, Eclipse, Android Studio, GitHub, WordPress, CodeBlocks, Notepad++, Sublime Text 2, Dropbox, Processing, Node.js, MongoDB

Language: Speaks English, Mandarin, Cantonese, and Fujian Dialogue. Can read and write in Chinese and English