Edmond Wu

Email: edma_wu@yahoo.com

Address: 170 Truman Terrace, Paramus, NJ 07652

Phone: (201)-632-1812

LinkedIn: http://www.linkedin.com/in/edm0ndwu

Github: https://github.com/The-WUUSTER

Website: https://the-wuuster.github.io

EDUCATION

Bachelor of Science in Computer Science — **Expected Graduation:** May 2017

Rutgers, The State University of New Jersey — **Cumulative GPA: 3.824/4.0**

School of Arts and Sciences Honors Program — Dean's List, Major GPA: 3.81

SKILLS

- **Programming Languages:** Fluent in Java, HTML/CSS, and JavaScript; Familiar with Python and C; Exposed to jQuery and SQL.
- **Frameworks/Software/OS:** Experience with Linux and terminal, Eclipse Java IDE, Unity3D Game Engine, MySQL and MongoDB databases, and Ruby On Rails.
- Have knowledge and understanding of data structures, algorithms, object-oriented programming, databases, and web design.
- Fluency in both English and Mandarin Chinese and strong public speaking/presentational skills

WORK EXPERIENCE

Rutgers University: Part-time Lecturer/Teaching Assistant — **January 2015 – Present**
- Taught students in course recitations how to design webpages in HTML/CSS and write JavaScript programs. Presented lessons in HTML/CSS, JavaScript, and Microsoft Excel, as well as hosted computer lab and office hours for extra help.

National Dong Hwa University: CSIE Department Intern — **June 2015 – August 2015**
- Did research with department faculty on the Unity3D game engine and developed several games with it using C# scripts that were later presented at a research conference, and saved to serve as a basis for the development of future games.
- Taught conversational English skills to department members, enabling them to hold basic conversations without assistance.

PROJECTS

Redditer — **November 2015 – December 2015**
- Web application made with Ruby On Rails and hosted with Amazon Web Services on a MySQL database that works off of the popular site Reddit and attempts to match users based on subscribed subreddits.
- Uses relational database concepts and utilizes a matching algorithm for users to potentially meet new friends.

Unity Tower Defense — **July 2015 – August 2015**
- Basic tower defense web game created with the Unity3D game engine and C# scripts, where users can click on terrain blocks to spawn towers on them to defeat mob waves.
- Presented at a Taiwan research conference at the end of the Dong Hwa University internship to showcase the Unity3D engine.

Insighttweets — **March 2015**
- Web application using IBM Bluemix's personality sentiments algorithm Watson that analyzes tweets containing a certain keyword gathered using the Twitter API from users in a specific region, determining common personality traits of those who tweet about that keyword in that region.
- Won best IBM group hack at HackNY Spring 2015.

Photo Album — **March 2016 – April 2016**
- JavaFX photo album application made with the Eclipse IDE. Users can create albums, fill albums with photos, and add tags and/or captions to photos. Users also have an option to enable their albums for public display, allowing other users to view them and like their photos.
- A full-fledged CRUD application with an MVC structure. Also incorporates FXML and CSS to give the application aesthetic.

Chess — **February 2016 – March 2016**
- Java application made in the Eclipse IDE that simulates a 2-player chess game in the terminal, with full implementation including checkmate, stalemate, resigning, and draws.
- Utilizes object-oriented programming principles like inheritance and polymorphism through pieces to improve design.

Android Books — **April 2016 – May 2016**
- Java Android book database mobile application made for Android 6. Books, along with chapters and other relevant information, are stored in an online Firebase NoSQL database, and users can access those books and subscribe to them for new updates.
- MVC mobile application utilizing NoSQL data storage and basic Android design principles.

EXTRACURRICULARS

Tzu-Chi Collegiate Association – Rutgers: President — **September 2014 – Present**
- Cultural organization with a main focus on community service

Rutgers Sinfonia: Violist — **September 2013 – Present**
- School symphony orchestra that performs standard concert repertoire

Verse One Dance Team: Performer — **September 2014 – December 2015**
- School community hip-hop dance team