

Edmond Wu

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EDUCATION

Bachelor of Science in Computer Science
Rutgers University – New Brunswick, SAS Honors Program

Expected Graduation: May 2017
Cumulative GPA: 3.824/4.0 (Dean's List)

SKILLS

- **Programming Languages:** Fluent in Java, HTML/CSS, and JavaScript; familiar with Python and C.
- **Frameworks/Software/OS:** Experience with JavaScript frameworks like AngularJS and jQuery, Linux and terminal, Unity3D Game Engine, SQL and no-SQL databases (MySQL and MongoDB), web frameworks like Ruby On Rails and Groovy/Grails, integrated development environments like Eclipse and IntelliJ.
- Knowledge and understanding of data structures, algorithms, object-oriented programming, databases, and web design.

WORK EXPERIENCE

Harris Corporation: Software Engineering Intern **May 2016 – Present**

- Helped develop a full stack web application using AngularJS and a Grails framework allowing project managers to log their projects and record their savings and productivity, as well as combining reports to produce more note-worthy savings amounts.

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.

Insightweets **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 (create-read-update-delete) application with an MVC (model-view-controller) structure. Also incorporates FXML and CSS to give the application visual 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 mobile CRUD 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/read those books and subscribe to them for new updates.

EXTRACURRICULARS

Tzu-Chi Collegiate Association – Rutgers: President **September 2014 – Present**

- Cultural organization with a main focus on community service and promoting environmental awareness. In charge of planning events as well as directing the organization's e-board.