

EDMOND WU

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EDUCATION

Rutgers University, School of Arts and Sciences Honors
Bachelor of Science in Computer Science, Magna Cum Laude

September 2013 - May 2017

WORK EXPERIENCE

Harris Corporation
Software Engineer

June 2017 - Present
Clifton, NJ

- Worked under the Space & Intelligence Systems segment on the GPS OCX (Operational Control System) project, specifically on the Navigation (NAV) software item.
- Developed and worked on portions of the Java part of NAV, from writing/fixing unit tests to updating configuration items.
- Designed code outlines, class and sequence diagrams for new/upcoming units of work for NAV, including performance displays and enterprise service updates.
- Helped shift NAV from its 1.6 iteration to its 1.7 iteration by updating the codebase's schema and service references to ensure build success.

Harris Corporation
Software Engineering Intern

May 2016 - July 2016
Herndon, VA

- Helped develop a full-stack web application for the Harris Business Excellence program that tracks project productivity, letting project managers to submit logs and generate PDF reports.
- Primarily contributed to front-end design, using AngularJS and Foundation CSS frameworks and ensuring smooth integration with NodeJS/Express back-end REST services.

Rutgers University
Part-time Lecturer/Teaching Assistant

January 2015 - May 2017
Piscataway, NJ

- Taught students in course recitations of up to 25 students per section how to design webpages in HTML/CSS and write JavaScript programs. Presented lessons in HTML/CSS, JavaScript, and Microsoft Excel.
- Hosted computer lab and office hours for extra help, graded assessments, and helped proctor exams.
- Scored ratings well above the average for TA's in the Rutgers computer science department.

Dong Hwa University
Computer Science & Information Engineering Intern

June 2015 - August 2015
Hualien, Taiwan

- Performed research with department faculty on the Unity3D game engine and developed several games with it using self-written C# scripts.
- Created games were 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 ([HTTPS://GITHUB.COM/EDMOND-WU](https://github.com/edmond-wu))

Socket Chat

- Web chat application developed with AngularJS and socket.IO. Users log in to the application with a username, and can set their chat messages to appear in a selection of colors to differentiate their own messages from other users.
- Utilizes basic functionalities of socket.IO to transmit messages between users and register color selections server-side.

Unity Tower Defense

- Web-based, tower defense game application created with the Unity3D game engine and C# scripts, where users can click on terrain squares to spawn towers on them to defend an objective.
- Presented at the 2015 Taiwan Tech Trek research conference during the internship at Dong Hwa University.

Rutgers Tzu-Ching

- Single-page, web application designed for the Tzu-Ching organization's chapter at Rutgers University.
- Framework designed using angularJS, styled with Materialize CSS, and features mobile support.

SKILLS

Languages:	Proficient in Java, HTML/ CSS, JavaScript; familiar with Python, C, C# (Unity3D scripts)
Frameworks/Libraries:	angularJS, jQuery, Bootstrap, Materialize CSS, Apache Ant, exposure to NodeJS
Systems/Software:	Ubuntu, Redhat Enterprise, Unity3D engine, Git, Subversion, Atlassian Jira