

Ryan Mavilia

ryanmavilia@gmail.com
443.624.4265

EDUCATION B.S. Computer Science Graduated: May 2018
Minors: Asian American Studies, Technology Entrepreneurship GPA: 3.3
University of Maryland, College Park, MD

SKILLS **Languages:** Java, SQL, R, HTML/CSS, Javascript, PHP
Environments: Android Studio, Git, L^AT_EX, WordPress, UNIX/Linux

EXPERIENCE *Software Development Intern* February 2016 - June 2017
The Efiia Group, Washington D.C.

- Created a secure file management app which is currently being tested by the NSA. After testing the app will become one of the first apps created with Rebar, a platform for creating NIAP compliant software.
- Planned and developed government compliant software which served to increase communication and efficiency among different departments.
- Wrote military grade secure software using defensive programming techniques like zeroing out data, encrypting streaming data, and verifying users.

Programming Instructor May 2015 - August 2015
iD Tech Camps, University of Maryland, College Park

- Taught computer science fundamentals to students ages 7-17 using multiple languages including C++, Java, JavaScript, and Scratch.
- Communicated with team members to coordinate camp events, teaching strategies, and course materials.
- Learned to help students with different levels of programming experience.

Enrollment Services Assistant October 2014 - January 2015
University of Maryland, College Park

- Analyzed and verified sensitive data (SSNs, bank info, etc.) across multiple systems for incoming students.
- Scanned hundreds of documents daily for errors and completed other administrative tasks.

PROJECTS & LEADERSHIP **AudioTalks - Creator**

- Youtube wouldn't allow me to lock my phone whilst watching speeches.
- Created a site with HTML/CSS/Bootstrap for the ability to lock my phone and use media buttons when listening to speeches.

Filipino Cultural Association - Former Webmaster

- The groups site fcaatumd.com was using an older version of Expression Engine.
- I migrated the site to Wordpress and redesigned the site to give it a modern look.

Hubpress - Documentation Writer

- Hubpress is an open source content-management system for blogging that is based around extending the use of Github Pages.
- I created the platform's wiki and worked with the creator to resolve issues that new users were having with installation.