

# Ryan Mavilia

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443.624.4265

**EDUCATION**      B.S. Computer Science      Expected: May 2018  
Minors: Asian American Studies, Technology Entrepreneurships      GPA: 3.2  
University of Maryland, College Park, MD

**SKILLS**      **Languages:** Java, HTML/CSS, Javascript, Python, C, Go, R  
**Environments:** L<sup>A</sup>T<sub>E</sub>X, Android Studio, 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.org (offline) - 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 a blogging platform based around Github Pages. I wrote documentation and created the platform's wiki during its infancy.
- The platform is now the 268th most forked repository on Github (2,960 forks).