

# Jeremy Hu

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## Education

**University of Maryland** - Computer Science/ Economics B.S.  
*Expected - May 2019*

## Projects

- **Spring Human Resources App**  
*December - January 2016*  
A human resources application using Spring and PostgreSQL. (Create, Read, Update, Destroy, Login/Logout functions). Also refactored as a REST API which returns JSON data instead of GUI. Uses Oracle HR sample schema.
- **Stand Up**  
*December 2016 - Present*  
A website that displays time, date, weather in current city, and relevant emails from user inbox. MEAN Stack, hosted with Heroku
- **FitRhythm**  
*December 2015*  
Mobile Exercise App built with Android SDK. Designed to increase music volume as exercise intensity increases.

## Experience

- Research Assistant - Maryland Cybersecurity Center  
*January 2017 - Present*  
Working on a project examining the techniques and methodologies of white-hat hackers. Led by group of PhD students.
- Weizmann Institute, Rehovot, Israel - Student Intern  
*June - August, 2015*  
Development of an artificial intelligence program in Matlab to recognize and classify images of handwritten numbers.
- NIST - Student High School Intern  
*June-August 2014*  
Worked in Physical Measurements Lab with research chemist on a color science and RGB measurement project. Delivered a poster presentation on finding a transformation matrix to map two sets of photos onto each other.

## Skills

- |                     |                              |
|---------------------|------------------------------|
| • Java              | • JavaScript                 |
| • MongoDB           | • Spring (SpringBoot, Maven) |
| • MEAN Stack        | • C                          |
| • HTML, CSS, jQuery | • Matlab                     |

## Clubs and Activities

UMD Tzu Ching Community Service Club, InterVarsity