

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

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

Clubs and Activities

UMD Tzu Ching Community Service Club, InterVarsity