Jeremy Hu

Phone: 301-276-1491 / Email: jrmh96@gmail.com

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 JSON REST API. 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
  Responsible for writing Python web-scrapers and transcribing interviews with white-hat hackers and software testers. Study led by group of PhD candidates.
- 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
- MongoDB
- MEAN Stack
- HTML, CSS, jQuery

- JavaScript
- Spring (SpringBoot, Maven)
- C
- Matlab

Clubs and Activities

UMD Tzu Ching Community Service Club, InterVarsity