Tipparat Umrod

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tipparatumrod.me | github.com/tumrod

EDUCATION

The University of Texas at Austin, Austin, TX   May 2016
Bachelor of Science in Computer Science;
Bachelor of Science in Biology, concentration in computational biology
- GPA 3.41

EXPERIENCES

Texas Advanced Computing Center, Austin, TX   Summer 2014 - Present
Part-time Undergraduate Research Associate
- Created and managed metadata of 5,000 lung images in XML format
- Created a script to update and maintain the project metadata on iPlantcollaborative.org
- Leveraged TACC computational and software resources to set up portal for image and metadata (iRODS, iPlantcollaborative.org)
- Created a script to do an image analysis automation
- https://github.com/tumrod/bisque-lungMap

PCL Library, University of Texas at Austin, Austin, TX   Summer 2014
Complex Cataloging Student Associate
- Managed the catalog on Sierra and OCLC database
- Added new book record to the library system

SKILLS

- Proficient in Java, Python, C, SQL, PL/SQL
- Exposure to JavaScript, CSS, HTML, REST, XML, Django, Oracle Data Modeler
- Fluent in English and Thai; Intermediate Spanish; Beginner German

COMMUNITY INVOLVEMENT/LEADERSHIP

- Science Undergraduate Research Group (SURGe)
  - Faculty Liaison   (2 terms)   Fall 2013- Present
    - Coordinated with professors and researchers both on and off campus to present at SURGe
  - Web Development Committee   Fall 2012- Present
    - Updated and maintained *www.utsurge.org*
- Women in Science Member   Fall 2014 - Present
- Volunteer for SXSW, Forty Acre Fest, Project 2014, Explore UT   2013 and 2014