Tipparat Umrod

tipparat.umrod@gmail.com |(512) 565-2958
tipparatumrod.com | 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*

SKILLS HIGHLIGHTS

- **Languages**: Java, Python, C++, PowerShell
- **Web Development**: ReactJS, JavaScript, jQuery, CSS, HTML5, JSP, XSLT
- **Database**: Oracle SQL, MS SQL Server, postgresql
- **Frameworks**: Spring, Flask, SPFx
- **Technologies**: Git, TFS, Maven, Jenkins, RabbitMQ, SonarQube, PCF, AWS, Splunk, APIGEE, STS
- **Certificate**: Scaled Agile Framework for enterprise (SAFe)

EXPERIENCES

System Design and Development Engineer
AIG, *Houston, TX* August 2018 - PRESENT
- ❖ Research, design and implement various microservices to meet different business requirements
- ❖ Collaboratively working with other team members to plan, design and develop robust solutions

Technology Analyst
AIG, *Houston, TX* July 2016 - August 2018

Rotation 1
- ❖ Served as a liaison between the business team in the US and developer team offshore
- ❖ Translated business requirements into technical requirements from business users to developer

Rotation 2
- ❖ Served as a J2EE Web Application Developer
- ❖ Designed and developed web applications using J2EE, JSP, Servlet, Spring, JavaScript, jQuery, HTML5, and CSS along with Apache Tomcat as web server
- ❖ Modernized application delivery process by fully integrating with CI/CD pipeline using Git, Maven, Jenkins and SonarQube

Rotation 3
- ❖ Served as a Web Application Developer
- ❖ Designed and implemented SharePoint webparts/extensions using SPFx, ReactJS, Native JavaScript, CSS, and HTML
- ❖ Automated various business process using PowerShell

Undergraduate Research Associate
Texas Advanced Computing Center, *Austin, TX* May 2014 - May 2016
- ❖ Managed and maintained lung images and metadata along with the images for the lungMap project (Center for Lung Development Imaging and Omics) - NIH funded
- ❖ Implemented Celldetekt for detecting cell expression from image input