



Java and C++ on the Android and Tizen platforms.

EDUCATION

- **Master of Science, Computer Science**
The University of Texas at Dallas. (*May 2018*) (GPA: 3.61/4.0)
- **Bachelor of Technology, Computer Science and Engineering**
Amrita School of Engineering, India. (*March 2014*) (GPA: 9.8/10.0)

WORK EXPERIENCE

- **Senior Software Engineer**
Samsung R&D Institute, India. (*July 2014 - July 2016*)
 - o Analyzed and tuned the S-Health Android application for performance using Valgrind and DT10.
 - o Refactored the UI for performance and for the feature data collection process.
 - o Performed dynamic testing for optimization, performance, and memory usage for the Tizen platform.
 - o Developed applications for the Tizen platform using HTML5, Javascript, JQuery, CSS, C++, and C.

TECHNICAL SKILLS

- **Operating Systems/Platforms:** Android (app development), Tizen (app development), Meteor
- **Languages:** C++, Python, Java, SQL, HTML, JavaScript, CSS
- **Tools:** DT10, Valgrind, Jenkins

ACADEMIC PROJECTS

- **Semantic Search Application**
 - o Developed keyword based article search using NLP features and techniques.
 - o Used WordNet, Python, NLTK and Solr.
- **Ethereum Voting System**
 - o Developed ethereum voting application using Java and Meteor.
 - o Used blockchain based security to reduce vulnerabilities in payment methods.
- **Security using Keystroke Analysis**
 - o Added a secondary layer of security to a password-based authentication system using keystroke analysis

