SAHITI SEEMAKURTI

CREATOR . DESIGNER . MANAGER

3B Computer Engineering

UNIVERISTY OF WATERLOO
sseemaku@gmail.com

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SKILLS

OO Programming
Java, C++, SQL
Android
Consulting
Managing Projects
Matlab, HTML
Distributed Systems
Arduino
Compiler Design
ASIC Design
Operating Systems
ARM RL-RTX
Algorithms & Data Structures

AMAZON

California
May - Aug 2014

o Software Developer at Kindle Mayday
o Co-designed and implemented the curve-fitting algorithm used in Mayday
o Added new features including Live Audio & Video quality Indicator,
o Added Bluetooth, Headphones, and Speakers functionality
o On call, solving urgent issues encountered in the code base
o Arrange meetings and consult other teams to resolve tickets
o Worked in Eclipse Environment, Android Programming, using Java

AUDIBLE

New Jersey
Sept - Dec 2013

o Part of the Ingestion team, dealing with syncing audio files and ebooks
o Developed client and internal services in Java on Linux Platform
o Worked with high-performance distributed engines using Amazon's AWS technologies, focusing on S3
o Programmed with large data using Hadoop and SQL
o Accustomed to Amazon's programming and testing practices, and methodologies including Scrum

ECOLOGIX HEATING TECHNOLOGIES

Cambridge
Jan - April 2013

o Design Circuit Boards using Cadsoft's Eagle software, Solder and Test PCBs, Integrated Chips for
  I/O expansion using I2C Communication
o Build an Arduino based controller that interacts with dozens of sensors and controllers to provide
  real-time climate conditioning
o A part of a core technology team developing OO oriented software for a green energy heating and
  air conditioning product
o The software is mainly developed in Java, and C for Android tablets, using the Eclipse Platform

TRANSPORTATION COMPLIANCE SERVICES

Toronto
May - Aug 2012

o Involvement in Agile Development using C# .Net framework and Microsoft Visual Studio 2010
o Develop and test overseas Motor Vehicle credential insurance and fuel tax reporting software
o Identify and troubleshoot causes of operating errors