Munaz Rahman

3A Computer Engineering
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EXPERIENCE

SOFTWARE ENGINEER | Zazzle Inc
May 2017 – Aug 2017 | Redwood City, CA
- Worked with the mobile team to build features and improvements to iOS, Android and React Native applications
- Created a new application bar with a redesigned search experience for Android application
- Developed reusable, cross-platform mobile components and widgets using React Native, TypeScript and MobX
- Designed a new mobile web application banner and implemented deferred deep linking for iOS and Android with routing into React Native, boosting application downloads by over 50%

UNDERGRADUATE RESEARCH ASSISTANT
Jan 2017 – Apr 2017 | University of Waterloo
- Assisting in research under Dr. Kai Zeng on video processing algorithm and software development

SOFTWARE DEVELOPER | SAP SE, Hybris
Sept 2016 – Dec 2016 | Montréal, QC
- Developed new features, fixed bugs and made improvements to Hybris eCommerce platform using Enterprise Java, Spring Framework (Core, MVC), SQL and RESTful Services
- Designed responsive web pages and implemented front-end features using HTML, CSS, JSP, jQuery and BootStrap
- Performed code reviews, identified improvements and assisted team to write clean efficient code with high standards and quality requirements

SOFTWARE DEVELOPER | BlackBerry Ltd
Jan 2016 – Apr 2016 | Waterloo, ON
- Contributed to software architecture design, refactoring and on-going code improvements
- Built and documented an automated Android test suite using Robolectric, Mockito, PowerMockito, JaCoCo and JUnit
- Used static code analysis tools to reduce issues, optimize processes, prevent bugs and improve code readability

SOFTWARE DEVELOPER | 360 Insights
May 2015 – Aug 2015 | Whitby, ON
- Contributed modules and enhancements to SaaS-based platforms under ASP.NET / .NET MVC
- Developed RESTful API services and responsive web applications using Node.js, mongoDB, Jade, jQuery, and CSS
- Created a contention-free micro service to sync data between a SQL and mongoDB database using RabbitMQ and Node.js

PROGRAMMING

Frameworks:
Android • iOS • React Native
ReactJS • Node.js
SQL • mongoDB
Languages:
Java • C# • Visual Basic
HTML • CSS • JavaScript
Exposure:
C++ • C • Assembly

EDUCATION

UNIVERSITY OF WATERLOO
BASc in Computer Engineering, Honours, 2014 - 2019 (expected)
3.7 GPA, 85%
Coursework
- Compilers
- Operating Systems and Systems Programming
- Algorithms and Data Structures
Awards
- Dean's Honours List (1A)
- President's Scholarship

PROJECTS

EMPLOYER SESSIONS | ReactJS
Responsive website to view employer information sessions

SMART SHELF | Hardware
Shelf that tracks product stock

GITHUB VIEWER | iOS App
iOS app to view GitHub profiles, repositories and activity

SMART MIRROR | Hardware
Mirror displaying real-time news, weather and traffic

ROOMIES | Android | Node.js
Android app for roommates to share chores, lists and track expenses

WATAPP | Pebble App
Pebble app displaying current information about the University of Waterloo