

Munaz Rahman

3B Computer Engineering

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🧰 EXPERIENCE

SOFTWARE ENGINEER | ZAZZLE INC

May 2017 – Present | Redwood City, CA

- 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%
- Built a new mobile product page using React Native, TypeScript and MobX, increasing user conversions on product purchases
- Created a product design tool using React Native allowing users to design and add text/images to products such as shirts, hats, mugs, etc. nearly doubling mobile app revenue
- Created a new native application bar with a redesigned search experience for Zazzle Android e-commerce application

UNDERGRADUATE RESEARCH ASSISTANT

Jan 2017 – Apr 2017 | University of Waterloo

- Assisted in research under Dr. Kai Zeng on video processing algorithms and software development using C++

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 for BlackBerry UEM Client Android application
- 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 microservice to sync data between a SQL and MongoDB database using RabbitMQ and Node.js

⚙️ PROGRAMMING

Frameworks:

Android • iOS (Swift) • React Native
ReactJS • Node.js • ASP.NET

Data:

SQL • MongoDB

Languages:

Java • C# • TypeScript • JavaScript
HTML • CSS

Exposure:

C++ • C • Assembly

📖 EDUCATION

UNIVERSITY OF WATERLOO

BASc IN COMPUTER ENGINEERING,
HONOURS, 2014 - 2019 (EXPECTED)

3.7 CGPA

Coursework

- Database Systems
- Computer Networks
- 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

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