Andrei **Aleksanian**

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Education

University of Manchester   *Manchester, UK*

2ND YEAR BSC. IN COMPUTER SCIENCE, EXPECTED GRADE: 1:1   *September 2019 - June 2022*

- Recognized as the top 25% of 270 students in my course with an "Award of Kilburn Entry Scholarship" for previous academic excellence.
- Managing a team of 7 and taking responsibility for the outcome of our project in the Software Engineering course. Improving a real open source project with a 10-year-old commit history. Using **Git**, **Java**, **JUnit**, etc.
- Implementing efficient(in terms of time/complexity) algorithms and data structures for different purposes used in software development, e.g. sorting with Merge/Quicksort and searching with Binary Search, etc.
- Implementing algorithms for self-driving cars using Computer Vision and Artificial Intelligence. Planning to expand my knowledge on this topic later in the year with the introduction of Machine Learning.
- Preparing for future management roles by learning the fundamentals of finance and financial reporting.

Experience

Imago Software - www.imago.cs.manchester.ac.uk   *Remote, Manchester, UK*

FULL STACK DEVELOPER   *June 2020 - Sept. 2020, Jan. 2021 - now*

- Managing an Agile team of 4 to deliver Full Stack B2B applications for different clients of the company.
- As a Business Analyst I acted as the main communication point between the team and the client. From leading the Agile meetings to managing my team to make sure the work is on track.
- The main project was a feedback gathering system for an organisation called 'SEERIH'.
- Implemented different layers of authentication to the system.
- Achieved test coverage of over 70% with Unit, Integration and End to End testing.
- Carefully chose our tech stack and followed best practices for **Git, React, MySQL, NodeJS** and **Typescript**.

Freelancing - (last client - www.cvetyotamira.herokuapp.com)   *Remote*

CASUAL WEB DEVELOPMENT FREELANCING (FULL STACK)   *June 2020 - now*

- Gathering the Requirements Specification from the client and designing solutions from ground up.
- Efficiently communicating with the clients to keep them up-to-date with each step of the development process.
- Working in iterations to consistently add changes from the client to the website while developing.
- Achieving smooth User Experience on my websites by following best practices of front-end development (with React).
- Implementing admin tools for the business, so, they can easily manage the product on their own.
- Achieving a strong level of security for the website by validating user inputs, never exposing sensitive information on **Git**, etc.
- Tech Stacks - **Git, React**, **NodeJS**(Express) and **MongoDB** | **GatsbyJS**, **React & Typescript**, serverless.

Projects

Stendhal - www.stendhalgame.org   *Manchester, UK*

AN OPEN SOURCE JAVA PROJECT.   *September 2020 - December 2020*

- Building a multi-user, multi-threaded, client-server application in **Java** as part of my coursework at university. With over 6000 Java classes, 1800 JUnit test cases and over 10 years of commit history.
- Managing issue tracking, code quality, build automation, test automation and version control with old-school tools like Eclipse, **Git**, Apache Ant, Jenkins, Gerrit and SonarQube.

Portfolio - www.andreialeksanian.com   *Manchester, UK*

INCLUDES ALL MY RECENT PROJECTS AND MY UP-TO-DATE SKILLS DEMONSTRATION.   *May 2020*

- If you are looking for the most appealing portfolio website, you have found it!
- Designed and Implemented a very appealing UI and UX with gentle use of animations, which follow you along the way.
- Tech Stack - **Git**, **React**, **NodeJS** and Google Firebase.

Leadership and Awards

Student Rep	As an elected student representative, I used to communicate to students and pass on their concerns and problems to the lecturers. Furthermore, guiding the staff to find solutions to these problems and to improve life at campus for all of us.
Volleyball I	As the captain of my university team, I take personal responsibility for the outcome of the game. It is my job to encourage my friends in the toughest moments so we still come to victory.
Volleyball II	While I still lived in Russia, my school team won the first place in Moscow in a yearly competition among all other schools twice in a row. Moreover, I am proud to say we secured the sixth best place in the entire country during the national competition in 2014.