

## EMPLOYMENT

<b>Application Developer</b>	<b>IBM Romania</b>	<b>Mar 2019 - Present</b>
<ul style="list-style-type: none"><li>Investigated and solved vulnerabilities from the applications.</li><li>Contributed actively by helping other colleagues with code review and implementing reusable components.</li><li>Participated in every meeting and decision in a proactive way in order to deliver a quality and clean code which meets the client requirements.</li><li>Suggesting various changes to the design, business rules and in development process, when needed.</li></ul>		
<b>Intern</b>	<b>IBM Romania</b>	<b>Dec 2018 – Feb 2019</b>
<ul style="list-style-type: none"><li>Learned and applied the basics of Ionic and Angular, delivering an efficient project to the customer, designing mobile-based features, working in an agile team.</li></ul>		
<b>Intern – Drive your future</b>	<b>Groupe Renault</b>	<b>Summer 2017</b>
<ul style="list-style-type: none"><li>Database maintenance using Matlab scripts.</li></ul>		

## EDUCATION

<b>Bucharest, Romania</b>	<b>Romanian-American University</b>	<b>Fall 2015 – May 2020</b>
<ul style="list-style-type: none"><li>Master's degree in Information Technology Administration and Management, May 2020. Grade: 9.66. Assimilated information about IoT, mobile applications development, web technologies, AI, GDPR, PL/SQL, Big Data, project management, WordPress, security of computer networks and E-Commerce.</li><li>Bachelor's Degree in Information Technology Administration and Management, May 2015. Grade: 9.5. Assimilated knowledge in both economics, such as management, economics, statistics, marketing, econometrics and programming in various languages such as C ++, C # (Console and Windows Forms) SQL, HTML, PHP.</li></ul>		

## SOFTWARE PROJECTS

### Projects

- Personal website: [madalinaeleonora.dev](https://madalinaeleonora.dev) (for additional information and projects)
- Learning League** (Nov 2020). Education application created using Vue.js CLI version 2.6.11 with Vuetify. Video and voice calling are made through CometChat and data is saved through Firebase.
- University Rating** (Jul 2018 – Jul 2020). Application for searching and rate universities from Romania. This project was created using Angular CLI with TypeScript, Angular Material, Microsoft Text Analytics, Google Maps API, Google Charts and RxJs. For database used to store the data is Firebase Firestore.
- Exams Schedule** (Apr 2020 – May 2020). Application that allows the management of university exams, created using React.js, axios, Redux, Sass and Firebase Realtime Database.
- Johnny's website** (May 2019 – Oct 2019). Website created using WordPress, the result of a faculty project and currently used as the official site of Johnny's restaurants.
- TeachMe** (May 2019). Mobile application created using Vue.js, Vuex, Ionic and Firebase which helps you learn new things by taking several courses.
- PhotoBooking** (Apr 2019). Application that recommends a suitable photographer for a customer's event, according to his visual preferences, budget and period. Application created using Vue.js, Vuetify, Vuex, Firebase.
- SmileSharing** (Mar 2019). Ride sharing application created using HTML, Vue.js, Vuetify, JavaScript and Google Maps.
- RapJobs** (Nov 2018). Help candidates find the employer that best suits their needs and personality, using our personality test.

- **Waffic** (Mar 2018 – Jul 2018). Integrated application for tracking weather and traffic conditions, using AccuWeather, Google Maps, Google Charts APIs and Firebase Realtime Database.
- **Event Attendances** (Jan 2018 – May 2018). Application created using HTML, Vue.js, Element and Firebase. Data is saved through Firebase Database and the login is with Firebase Authentication

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#### ADDITIONAL EXPERIENCE AND AWARDS

- **Certifications:** IBM Cloud Essentials, Watson and Cloud Foundations, IBM Mentor, Javascript Front End Development, Enterprise Design Thinking Practitioner, IBM Agile Explorer, Insurance Industry Foundations.
- **Publications:** Git fetch & pull for all repos once (Apr 2021, Medium), How I personalized my GitHub Overview (Jan 2021, Medium), Providing security for client-server applications (2019, Research Focus).
- **Second Prize, Rau-DevHack Hackathon (Apr 2019):** Awarded 2<sup>nd</sup> prize for PhotoBooking project.
- **First Prize, Web&Mobile Challenge at DevHacks (Nov 2018):** Awarded 1<sup>st</sup> prize for RapJobs project.

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#### Languages and Technologies

- Firebase, Firestore, Ionic, Sass, TypeScript, REST, Capacitor, JavaScript, HTML, CSS, WordPress
- AccuWeather, Microsoft Text Analytics, Google Maps API, Google Charts
- Adobe Experience Manager, VirtualBox
- Angular, RxJs, Angular Material
- Vue.js, Vuex, Vuetify, Router, Element
- React.js, Carbon