

## EMPLOYMENT

<b>Software Engineer</b>	<b>MDA</b>	<b>November 2017 - Present</b>
<ul style="list-style-type: none"><li>Implementing Scalable web services following the Clean Architecture and micro-services design patterns.</li><li>Technologies: Angular 2+, Kubernetes, Docker, Go, Java, Spinnaker, Kafka, Python, Jenkins, Bash, Vim.</li></ul>		
<b>Software Developer</b>	<b>Resson</b>	<b>October 2016 – November 2017</b>
<ul style="list-style-type: none"><li>Implementation backend web services using Java, J2EE, Spring, JPA, PostgreSQL, Linux, JUnit, TDD and BDD.</li><li>Attention to writing highly scalable Object-Oriented code implementing the OOP-GOF design patterns.</li><li>Efficient in a fast paste Agile-Scrum environment and capable to work with several languages.</li></ul>		
<b>Systems Engineer</b>	<b>University of New Brunswick</b>	<b>April 2016 – May 2017</b>
<ul style="list-style-type: none"><li>Implementation of several data structures from scratch in the Java stack.</li><li>Comparison and Complexity analysis of the implemented data structures based on their efficiency.</li><li>Implementation of a Web and Mobile applications using Android, Node.JS and Angular2 in Typescript.</li></ul>		
<b>Full Stack Developer</b>	<b>Natural Resources Canada</b>	<b>August 2015 – March 2016</b>
<ul style="list-style-type: none"><li>Implementation of RESTful APIs using PHP in a TDD environment using PHPUnit.</li><li>Implementation of responsive websites using JQuery, AJAX, HTML5 and Bootstrap.</li></ul>		

## EDUCATION

<b>Fredericton, Canada</b>	<b>University of New Brunswick</b>	<b>September 2015 – May 2017</b>
<ul style="list-style-type: none"><li><b>M.Sc.</b> in Software Engineering. Awarded Thesis; NSERC Full-Time Scholarship &amp; Dean's List; GPA: 3.96/4.00.</li><li>Thesis: A Scalable Web Tiled Management System; IEEE publications and several conference presentations.</li><li>Coursework: Software Architecture, Design Patterns, Web Development, Big Data, GIS, Image Processing.</li><li>Developed several projects using the following frameworks: Java, Typescript, JQuery, PHP, HTML5, PostgreSQL.</li></ul>		
<b>Athens, Greece</b>	<b>University of Piraeus</b>	<b>September 2011 – August 2015</b>
<ul style="list-style-type: none"><li><b>B.Sc.</b> in Computer Science with Minor in Mathematics. First Class Honors Degree. Average: 9.16/10.00.</li><li>Thesis: GeoLearning - A Modern Educational Application for Android OS (Awarded as best thesis 15').</li><li>Coursework: Object Oriented Programming, Software Lifecycle, Computer Architecture, Algorithms, Artificial Intelligence, Comparison of Learning Algorithms, Computational Theory.</li><li>Developed several projects with the following frameworks: Android, Java, C++, C#, MySQL, HTML5.</li></ul>		

## CORE PROJECTS & TECHNICAL EXPERIENCE

- 3D Web Management Framework (2017):** A Web Framework that loads billion of tile images to create a virtual 3D Map by using backend data structures developed from scratch. The framework is accessible through Virtual Reality boards (Oculus Rift, Google cardboard), browsers (Google Chrome, Mozilla) and all desktop clients.
- Lexi (2017):** An Android editor which supports creation, deletion and editing of a document. The implementation was based on the GOF Design Patterns and reusable OOP. Lexi was awarded as the *Best Project* of the 17' year in the UNB Software Architecture competition. Lexi is a published on Google Play Store.

## ADDITIONAL EXPERIENCE AND AWARDS

- M.Sc. Full Time Sponsorship - NSERC (2015 - 2017):** Full Time sponsorship from NSERC for my Master's degree.
- Canadian Conference in Engineering – 1<sup>st</sup> place award (Montreal, QC, 2016):** A conceptual design of "smart" solar roads of the future. – *IOT, AI, Renewable Energy, Physics, Marketing, HTML5.*
- First-Class Honors (Excellent) Degree in Computer Science (2015):** Highest average of the '15 undergraduate Computer Science class, within the top 1% of the department's alumni in the University of Piraeus.

## LANGUAGES & FRAMEWORKS

- Java, Spring, Android, Swift, Go, Python, Bash, C#, SQL, PHP, AWS, Kubernetes, Typescript, JavaScript, Git, Gradle, Go, Maven, Groovy, Scala, Kotlin, ASP.NET, Ruby, Node.JS, React, Angular, Objective C, C++

## RECENT HACKATHONS & CONFERENCES

- NwHacks, University of British Columbia 18', Vancouver – BC, "Echo with Me":** A smart hardware that helps diagnose muscular degenerative diseases like ALS or paralysis – *AWS, Python, Android, ReactJS, Firebase.*
- PennApps-XV, University of Pennsylvania 17', Philadelphia - PA, "ShopRight":** A Mobile application that calculates and visualizes useful insights about shopping – *Google Reverse Image, Azure, Android, Node.js, Linux.*
- Grand MIT Hack 17', Boston – MA, "Dobby!":** An anti-anxiety network for stress relief – *AI, NLP, JQuery, HTML5.*