

# Ciprian Mihai Coman

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## Work Experience

- 2015 - present**     **Founder** at Tesagon International
- develop web projects for clients or to market SaaS
  - create integrated systems with IoT, M2M, web portals
- 2016 – 2018**     **Chief Engineering Manager** at Syswin Solutions
- develop integrated solutions using M2M, IOT and web technologies
  - lead a team of software engineers, developers and system administrators
- 2014 – 2015**     **Co-founder** at Inovolt
- provide analytics for the electrical grid, as a cloud based service
  - in charge of Product and Tech
- 2010 – 2014**     **Researcher** at Comfrac R&D Project Expert
- contribute to the IT side of various research projects
  - design and manage the company's IT infrastructure
- Summer 2010**     **Software Engineer Intern** at Adobe Systems
- developed a new application to help analytics testing
  - used SCRUM methodology and Perforce versioning system
  - languages used: Action Script 3
- 2009 – 2014**     **Teaching Assistant** for the Applied Electronics optional course, Algorithms Design course and Software Project Management course at Politehnica University of Bucharest
- teach during laboratory classes
  - prepare materials
  - create and grade assignments
- Summer 2009**     **Junior Programmer** for Comfrac R&D Project Expert, Bucharest
- Summer 2008**
- research on RFID technology
  - website updates and development
  - languages used: C, HTML, CSS

## Education

- 2018 - 2023**     **PhD degree**, Politehnica University of Bucharest  
Electronic Engineering, Telecommunication and Information Technologies
- 2011-2013**     **Master's degree**, Politehnica University of Bucharest, Department of Automatic Control and Computers.  
Computer Science and Engineering Masters in Information Technology Management.

- 2007 - 2011     **Bachelor's degree**, Politehnica University of Bucharest, Department of Automatic Control and Computers.  
Computer Science and Engineering Major in Computer Science and Information Technology.
- 2003 - 2007     **Baccalaureate**, Mihai Viteazul National College Ploiești.  
Major in Mathematics, Informatics and English.

## Computer Skills and Background

- Operating systems: Linux, Windows.
- Computer science: computer architecture, system programming, kernel programming, computer networks, data structures, algorithms, parallel programming, distributed programming, web programming.
- Programming languages: Perl, Python, C/C++, Java, Lua, Pascal, SQL, HTML, CSS, PHP, javascript.
- Tools: Microsoft Visual Studio, Eclipse, Netbeans, GDB, Valgrind, SVN, Git, Perforce.

## Other Activities

- 2013 - present     I designed and built a remote controlled quadcopter with filming capabilities. I have a hobby for radio controlled flying models.
- 2011 - present     I contribute to digital maps by direct editing and creating scripts and tools for the community. I am also a Regional Expert Reviewer for Google Maps, and Waze country manager.
- 2010                Took an Android device programming course.
- 2010                Participated in the final stage of Romtelecom's Ideitari contest with an application for PC to phone calls.
- 2009                Took ROSEdu's Open Source Development course.
- 2007 - 2012        I developed and distributed online several extensions for the World of Warcraft PC game. Some of these reached tens of thousands of users.
- 2005 - 2007        Participated in several Volleyball competitions at regional level.
- 2003 - 2006        Member of a debate club. Participated and/or organized competitions at regional and international level.
- 2000 - 2007        Participations and awards from various school contests and Olympiads in Mathematics, Physics and Geography at regional and national level.

## Languages

- Romanian - native
- English - advanced (University of Cambridge: CAE - grade A)
- French - medium

## Values

- Punctual
- Responsible
- Attention to details
- Ambitious
- Hard-working
- Open-minded