

# CURRICULUM VITAE



## Personal information

Surname(s) / First name(s)

**Oprisan Andrei**

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Email(s)

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Date of birth

April 17, 1982

## Personal skills and competences

### SKILLS AND EXPERIENCE

Andrei has 11 years of experience in software industry and academia, acting as product manager, software developer and architect, with 4 years in the data security field being involved in the design and development of data destruction software solutions and in the achievement of industry top security certificates.

In the last several years he has been working on the development of Business Intelligence SaaS applications. He has been handling a variety of technical tasks ranging from back-end services architecture and implementation using functional and object-oriented programming to multi-dimensional queries (MDX), databases and OLAP cubes configuration, from developing front-end GUI to integration strategies with different third party service providers: REST and SOAP, OAuth 1.0a and 2.0, JSON and XML.

Additional information can be found in his LinkedIn profile

<http://www.linkedin.com/in/aoprisan>

### MOTHER TONGUE

Romanian

### OTHER LANGUAGES

English (advanced)

## Key projects and accomplishments

SMEEBI, 2013

<http://www.smeebi.com>

Developed and launched a complex business intelligence web application.

SCALAFX MUSIC PLAYER, 2013

<https://github.com/ssemakin/scfx-player>

A maturity test for the JavaFX 2.x based ScalaFX framework.

THRIVEREPORTER PILOT, 2011

<http://www.thrive-reporter.com/>

Developed and launched a data visualization and reporting tool for analyzing securities markets trading activity.

OBSIDIAN INNOVATIONS, 2011

<http://www.obsidian-innovations.com>

IT consultancy company. Team member and co-founder.

BLANCCO DATA ERASURE 5, 2009

<http://www.blancco.com/us/products/total-data-erasure/blancco-5/>

Based on the experience of the prior versions, bootstrapped and developed the first releases of a new generation data destruction software solution.

## Additional information

### PERSONAL INTERESTS

Graduation work for my Bachelor degree, built with a team of three people, using cutting edge technologies for that date, such as Asp.Net 2.0, Ajax.Net, Dependency Injection, object relational mapping.

Literature, jogging, hiking, traveling, programming languages

## Recommendations

SMEEBI, BLANCCO

Rob Connell, CEO of Smeebi, +358 505 851 302

SMEEBI, OLAPCON

Mika Hurskainen, Chairman of Smeebi, +358 40 7576 713

BLANCCO

Lasse Riekkinen, Director of R&D at Blanco, +358 50 4956 615

BLANCCO

Mikko Koponen, COO at Blanco, +358 50 5772 311

UNIVERSITY OF JOENSUU

Simo Juvaste, Deputy Head of CS Department, +358 50 380 3416

## Education

TITLE OF QUALIFICATION AWARDED

**Master of Science in Computer Science**

DATES

September 2006–September 2008

ORGANIZATION

Department of Computer Science, Faculty of Science, University of Joensuu, Joensuu, Finland

TITLE OF GRADUATE WORK

«Aspect Oriented Implementation of Design Patterns using Metadata »

[ftp://cs.joensuu.fi/pub/Theses/2008\\_MSc\\_Oprisan\\_Andrei.pdf](ftp://cs.joensuu.fi/pub/Theses/2008_MSc_Oprisan_Andrei.pdf)

TITLE OF QUALIFICATION AWARDED

**Diploma Engineer, Computer Engineering**

DATES

September 2001–June 2006

ORGANIZATION

Universitatea Tehnică „Gh. Asachi” din Iași

TITLE OF GRADUATE WORK

«Web-based E-Learning platform»

## Work experience

OCCUPATION OR POSITION HELD

**Software Architect and CTO, Co-Founder**

DATES

December 2011–Present Time

NAME AND ADDRESS OF EMPLOYER

Smeebi Ltd (subsidiary of Olapcon Oy), Espoo and Joensuu, Finland

TYPE OF BUSINESS OR SECTOR

Software Development of Business Intelligence Systems

MAIN ACTIVITIES AND RESPONSIBILITIES

- Software project management, design and development using agile techniques, functional and object-oriented programming
- Technologies evaluation and business development
- Back-end architecture and development
- Integration strategies with different service providers: REST and SOAP WS, OAuth 1.0a and 2.0, JSON and XML
- Working with remote teams
- Test Driven Development: Specs2
- OLAP cubes configuration and data transformation routines
- Development primarily with Scala, Clojure/ClojureScript, JavaScript, PostgreSQL, MySQL, Mondrian, MDX, Play 2, SBT, Github, Heroku on GNU/Linux, Windows 7

OCCUPATION OR POSITION HELD  
 DATES  
 NAME AND ADDRESS OF EMPLOYER  
 TYPE OF BUSINESS OR SECTOR  
 MAIN ACTIVITIES AND RESPONSIBILITIES

### Technical Consultant

December 2011–Present Time

Obsidian Innovations Ltd., Espoo, Finland

Software Development and Consultancy

- Design and development of a financial analysis application
- Technology evaluation, business development, project planning
- Back-end architecture and development
- Developing dashboards and reports for daily trading
- Object-oriented programming, functional programming, software architecture, Test Driven Development, web development, cloud computing
- Development primarily with Scala, JavaFX, Java, Clojure, JavaScript, Maven, Play 2, JasperReports, Talend ETL, SBT, Github on GNU/Linux, Windows 7

OCCUPATION OR POSITION HELD  
 DATES  
 NAME AND ADDRESS OF EMPLOYER  
 TYPE OF BUSINESS OR SECTOR  
 MAIN ACTIVITIES AND RESPONSIBILITIES

### Technical Product Manager

March 2011–December 2011

Blanco Ltd., Helsinki and Joensuu, Finland

Development, distribution and maintenance of data destruction software systems

- Development of data destruction application
- Involvement in the gain of Data Security top certificates
- Working with remote development teams
- Development primarily with C++, Qt framework, GNU tool-chain, SVN, Trac

OCCUPATION OR POSITION HELD  
 DATES  
 MAIN ACTIVITIES AND RESPONSIBILITIES

### Senior Software Engineer / Software Engineer

June 2007–February 2011

- Blanco Data Cleaner design and development
- Design and development of data destruction application (hardware communication, data destruction engine, remote API, graphical user interface)
- Object-oriented programming, architecture design, Test Driven Development, Continuous Integration
- Agile development using Scrum
- Enabling the adoption of Test Driven Development practices in the company
- Bringing latest industry trends in the product development process
- Working with remote development teams
- Development primarily with C, CVS, GNU tool-chain, Valgrind, Bash, Emacs, Linux Kernel 2.4-2.6, C++, Qt framework, GNU tool-chain, SVN, Trac

OCCUPATION OR POSITION HELD  
 DATES  
 NAME AND ADDRESS OF EMPLOYER  
 TYPE OF BUSINESS OR SECTOR  
 MAIN ACTIVITIES AND RESPONSIBILITIES

### Software Engineer

March 2007–May 2007

Speech and Image Processing Unit, Computer Science and Statistics Department, University of Joensuu, Finland

Development of a speech recognition application

- GUI development for a speech recognition application
- Object-oriented programming, architecture design
- Integration of different components
- Development primarily with C++, wxWidgets, SVN