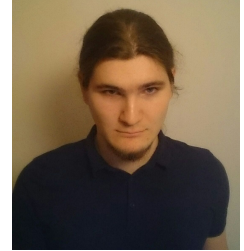


Dragos Bobolea - Machine Learning Developer

boboleadragos@gmail.com | +40 736 498 050 | ro.linkedin.com/in/dragosbobolea | Bucharest
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Core Skills: *Full stack, Computer Vision, Machine Learning*

Interests: *AI research*



UIPATH - MACHINE LEARNING DEVELOPER *Jun 2017 - present*

Responsibilities: Computer Vision

- Dataset augmentation and management
- Researched various detection algorithms (eg Faster-RCNN, YOLO)
- Trained models for UI elements detection
- Context-based UI element recognition selectors
- .NET wrappers for detection code
- In-house DL Infrastructure (GPU servers)

UIPATH - SOFTWARE DEVELOPER *Oct 2016 - Jun 2017*

Responsibilities: Orchestrator, mostly back-end & database

- Queues API optimizations (high load thread-safe queue operations)
- Database optimizations (schema, queries, indexing, stored procedures)
- Robot API refactoring (minimized database round-trips, designed atomic queries)
- High performance dynamic table exports (compiled expressions, producer-consumer stream writing)

TRAVEL OS - TECHNICAL MANAGER *Aug 2015 - Oct 2016*

Responsibilities: *Technical sales, dev lead*

- SOLR caching
- ERP Price management system
- Optimized/refactored Tour Operator API integrations

MATRICIA SOLUTIONS – APPLICATION CONSULTANT *Aug 2012 - Aug 2015*

Responsibilities: *Application consultancy & development for Dynamics CRM*

- Dynamics CRM <> AX connector (*used in multiple projects*)
- Various Dynamics CRM integrations (*WCF, REST, DW*)
- Dynamics CRM business modules (*client and server-side*)
- ECM Portal (*Session/permissions management*)

PROJECTS: VBLeasing CRM, Ministry of Health ECM Portal, Graitec CRM, Iristel CRM, Austral CRM, Scribant CRM, Garanti OnBase

CRYPISIS SOLUTIONS – CO-FOUNDER *Oct 2013 - Aug 2015*

Responsibilities: *Technical Sales, Dev Lead*

- WebArk OpenCart extension: *Technical lead (team of 3), development*
- WebArk Accounting App: *Requirements analysis, technical documentation, architecture and prototyping.*
- PaaS e-commerce aggregator: *Tech Lead (team of 4), development, documentation*
- Various small presentation/ecommerce websites

SKITSANOS – SOFTWARE DEVELOPER *Apr 2012 – Jul 2012*

Responsibilities: *Software development*

- JsonBridge API: *Reflection-based REST API platform. Developed .NET and JavaScript clients.*
- ERP: Backend logic; moved Repositories from SQLS to CouchDB; Developed barcode scanner Windows CE app

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XABC – PROGRAMMING TEACHER *Feb 2012 – Jun 2012*

Responsibilities: Teaching classes of 2-5 students programming at different levels: from the first ‘Hello World’ and calculating small primes, to Graph Theory and Object Oriented Programming

Abilities & Education:

Programming Skills:

- **C#, Python**, PHP, JavaScript, also mingled around with Java, C++ and MatLab
- TensorFlow, Numpy, OpenCV, Keras
- GIT and SVN
- Frameworks: ASP.MVC, Laravel, VueJS, AngularJS, NodeJS
- RDBMS: MSSQL, MySQL
- NoSQL: SOLR, ElasticSearch, MongoDB, CouchDB

Courses & Certifications:

- **GRLMC International Deep Learning Summer School** (Bilbao, 2017)
- **Deeplearning.ai** (Andrew Ng) (2017)
- **Coursera Machine Learning** (Andrew Ng) (2017)
- **Coursera Neural Networks and Deep Learning** (Geoffrey Hinton) (expected)
- Extending MS Dynamics CRM (2012)

Studies:

- Informatics, University of Bucharest (expected)
- Gheorghe Lazar High school