

DOMINGO IMPERATORI

Software Engineer | domingo@dimperatori.com | 808 271 4393

PROFILE

Experienced Software Engineer with overall experience 20+ years in analysing, designing and programming complex and critical systems.

Highly personable and self-motivated professional with the versatility to work among diverse groups and handle complex problems with strong analytical and excellent problem solving skills

EDUCATION

B.S. IN COMPUTER ENGINEERING
UNIVERSIDAD AUTÓNOMA DE BARCELONA (SPAIN)

ADDITIONAL TRAINING

DATA SCIENCE COURSE (GENERAL ASSEMBLY)

ORACLE PROFESSIONAL CERTIFICATE IN SQL AND PL/SQL
ORACLE CORPORATION (BARCELONA, SPAIN)

WEB DESIGN AND ADMINISTRATION CERTIFICATE
(HEALD COLLEGE, HONOLULU)

Deep Learning (Stanford University – Prof. Andrew Ng)

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization.
- Structuring Machine Learning Projects

Android App Development (Vanderbilt University)

- Java for Android
- Engineering Maintainable Android APPS
- Android App components – Services, Local IPC, and Content Providers
- Android App Components – Intents, Activities and Broadcast Receivers

Data Visualization with Tableau (UC Davis)

- Fundamentals of Visualization with Tableau

Advanced Alpha Five Applications with JQuery and JavaScript -3 Day training Course (Boston, USA)



SKILLS

Programming Languages

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|-------------------------|---|---------|---|---------------------|---|
| Python | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | Pandas | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> | NumPy/Scikit,etc | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> |
| Java | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | Android | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | SQL | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> |
| C# | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | C | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> | C++ | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> |
| Alpha Anywhere | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | VB.NET | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> | | |
| Web | | | | | |
| JavaScript /jQuery/Ajax | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | ASP.NET | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> | HTML/CSS /Bootstrap | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> |

Technologies

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|-------|--|---------|---|-----------|--|
| Agile | <div><div></div><div></div><div></div><div></div><div></div></div> <div>User Level</div> | Tableau | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | Excel/VBA | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div> |
|-------|--|---------|---|-----------|--|

Databases

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|-------|---|-------|--|
| MSSQL | <div><div></div><div></div><div></div><div></div><div></div></div> <div>Advance</div> | MySQL | <div><div></div><div></div><div></div><div></div><div></div></div> <div>User Level</div> |
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EXPERIENCE

Business System Engineer & Developer
PALACE ENTERTAINMENT (Amusement Parks) (USA)

2012 – Current

Responsible to develop software to acceptable standard in multiple systems, programming languages for the corporate office and the multiple companies / locations.

- POS retail and ticketing
Complete POS systems for retail and ticketing programmed in Visual C#
- Web Ecommerce/Reservations
Ecommerce engine, reservation system for Hawaii and Miami parks, coded in ASP.NET (C#).
<http://www.sealifeparkhawaii.com/> , <https://www.miamiseaquarium.com/>
- B2B Ticketing for agencies
Reservation system B2B for agencies coded in ASP.NET (VB.NET)
- Management Dashboard
Dashboards for management and marketing created in Tableau.
- PCI Compliance
Working to adapt all the Palace software, databases, POS to improve security and meet PCI Compliance standards and requirements.
- Accesso Ticketing
Develop an interface between Accesso ticketing system and Palace ticketing system Galaxy gateway.
- PalacePay: CC payment system for parks groups
CC payment system for parks groups (Visual C#, DevExpress)
- Portable Restaurant POS
POS for Android tablets, totally portable for restaurants (portable printer and CC Processing) programmed in Java Android.

IT Manager

2007 – 2012

PALACE ENTERTAINMENT (USA)

Managed information technology and computer systems in the park (Sea Life Park Hawaii).

Software Developer/Maintenance: Mas 90, ADP HR, MS Office, Gateway Galaxy (POS restaurant), Counter Point (POS retail), Reservation System, Sea Life Park Website
Help Desk: Maintained computers, printers, devices, network, and servers.

- New Reservation System
Created a totally new reservation system: web reservation, invoice system and ticketing POS to solve many problems of current reservation system. Analysis and design of the project. Program in Alpha Five, JavaScript, Visual Basic and MS SQL Server 2008 (Transact SQL).

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LANGUAGES

English – Bilingual

Spanish – Native

Italian – Native

Catalan - Native

CONTACT

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Web

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Phone

808 271 4393

REFERENCES

Anthony Ward

Dir. Of Development,
Palace Entertainment
(949) 261-0404 Ext. 708

Dan Vogt

Executive Director IT
Palace Entertainment
(949) 261-0404 Ext. 734

Ulises Cuellar

Controller
Sea Life Park Hawaii

- Digital Signage for Ticketing Entrance
Created dynamic web pages for digital signage at entrance
Programmed in ASP 3, XHTML, JavaScript, AJAX database MS SQL Server 2000.

Programmer Analyst

DOLPHIN DISCOVERY (Amusement Parks) (Cancun - Mexico)

2005 – 2006

Provided technical support to different park locations. Implemented modifications, adapted company programs according to needs of various parks utilizing SQL Server, Visual Basic, ASP, etc.

Programmer Analyst

INTERNET CANCUN (Internet Provider) (Cancun - Mexico)

2004– 2005

Worked as a consultant (programmer) for different business (Hotels) in Cancun.

- Tech consultancy for Caribe Maya Travel Agency
Oasis Hotels travel agency: programmed MIS (Management Information System). Implemented modifications in Oracle Data Base, Design Forms and Reports (Oracle Developer, Report Builder, Toad). Created the MIS for administration.

Tech Consultant

THALES (Tech Consultancy) (Barcelona - Spain)

2003 – 2004

Worked as a consultant – analyst/programmer in different projects and companies.

- General Electric/GE Money
Designed & programmed financial forms, reports, & procedures in data base utilizing Oracle Developer, Report builder, Oracle Data Base)
- College Esade
Designed & programmed management of admission test, including forms & reports utilizing Oracle Developer, Report Builder.

Tech Consultant

INSTITUT CERDA (Tech Consultancy) (Barcelona - Spain)

2002 – 2003

Worked in the market research department and responsible for tech side of different projects.

- Catalonia Bus Transportation, Department Market Research
Responsible for tech side of project: designed a data base of all buses, bus stops, & survey pollsters (DB Access); designed a program to plan pollsters' routes, designed all programs for project management (Visual Basic), technical supervision of all data recording

Tech Consultant

IN2 (Tech Consultancy) (Barcelona - Spain)

2000 – 2002

Worked as a consultant – analyst/programmer in different projects and companies. (Barceló travel Agency / GIS projects)

- Convention Inscription Barceló Viajes Project for Barceló Viajes travel agency for convention management (hotel reservations, transportation, etc.). Designed reports & forms utilizing Oracle Report Builder, Oracle Developer.
- Airline Rates Barceló Viajes
Project for Barceló Viajes travel agency for airline rate management. Designed forms utilizing Oracle Designer.
- Memory Set
B2B (Business to Business) Portal for budgets and orders of Memory Set products (computer components). Designed web pages and program data base utilizing Oracle Portal, Oracle Web Server, JavaScript, HTML.
- GIS (Geographic Information Systems)
Department CAD-GIS. Designed and maintained GIS programs over Autocad Map 2000i with Visual C++ 6 and ObjectARX libraries (Autodesk)