CAPILI, JONA **JAYSON**

OBJECTIVE

To enjoy a passionate life in creativity, learning, and critical problem-solving through programming, software engineering, team collaboration and competent enterprise production even for non-profit gain.

Email
jason.sparc.7@gmail.com

Linked In
ph.linkedin.com/in/jasonsparc

StackOverflow Careers
careers.stackoverflow.com/jasonsparc

PORTFOLIO

Further details are available on my StackOverflow Careers profile.

Kana Helper (Android App)
Developed a full-fledged app in 1 month!

A learning tool packed with engaging tests for practicing and learning Japanese Kana:
https://play.google.com/store/apps/details?id=com.circlet.kanahelper

Source code, available on Bitbucket:
https://bitbucket.org/jason_sparc/kana-helper

Flap Maze (Android Game)
Developed an app with over 1,000+ downloads!

An innovative, first of its kind, non-linear maze implementation of a Flappy Bird clone, and a new velocity-vs-damage "health bar" system:
https://play.google.com/store/apps/details?id=com.circlet.flapmaze

TnS PATRICIA-Trie Map
Open source contribution

A flexible patricia trie implementation for Java offering rich features with prefix-related query operations. It has relative performance in comparison with TreeMap, has as good memory footprint, and can be used as a complete replacement.
https://github.com/jason-sparc/TnS-Patricia-Trie/

Interactive Website

An interactive form of my resume, (with dynamic 3D layout and animated objects) built using pure CSS3 and HTML (no JavaScript nor Flash involved) with JSP on the server-side, is available on my website:
http://jsparc-circlet.rhcloud.com

Document built deliberately using HTML
No Pain, No Art!

This document that you are currently viewing is neatly built using HTML and has been carefully crafted to achieve its aesthetic design.

Source code, available on GitHub: (Compilable as PDF via Chrome's Print Menu)
https://github.com/jason-sparc/jason-sparc.github.io

SKILLS

SOFTWARE DEVELOPMENT

| Android Development | API 8 – 22 | |
| Game Development | AndEngine | LibGDX |

Web Development

| HTML5 | CSS3 | JavaScript | jQuery |

| Java | SE | EE | Swing | JSP |

| Microsoft | .NET Framework | ASP.NET |

| MS SQL Server | 2008 R2 | 2012 | 2014 |

Git VCS

PROGRAMMING

| Java | 6 | 7 | 8 |

| .NET | C# | VB.NET |

| Low-level | C | C++ |

| Database | SQLite | ISO SQL | MS T-SQL |

| Lua | 5.1 | 5.2 | 5.3 | LuaJIT 2.0 |

| Assembly Language | Intel x86 | x64 |

DynASM from LuaJIT

| XML | XSLT | XML Schema |

COMMAND LINE

| Android Linux Shell | BusyBox | SU |

Windows Command Prompt

EDUCATION

Further details are available on my StackOverflow Careers profile.

2012–2014 (Graduate)
Professional Diploma in Information Technology
Phoenix-One: The Knowledge Institute (PX1)

Notable projects:

- Lead a team of 5, creating an automated inquiry system for PX1 with an HTML5 front-end and Java EE controller. Used SQL Server with stored procedures on the back-end.

Remarks: Studied as a scholar with a special 50% scholarship grant all throughout.

2011 (Undergrad)
Bachelors of Science in Information Technology
AMA Computer College (AMACC) Makati

2007–2011 (Graduate)
High School
Pasay City West High School (PCWHS)

2009–2010 (Graduate)
Vocational, Computer Literacy Program
AMA Computer Learning Center (ACLC) Taft Ave. Pasay

Remarks: Studied at ACLC while still completing high school in PCWHS.

2007–2008 (Undergrad)
High School, Engineering and Science Educational Program (ESEP)
PCWHS–Department of Science and Technology (PCWHS-DOST)

Notable program of studies:

- Comp-Sci Fundamentals
  - Algorithms and Data Structures
  - Data computation in memory components
- Introduction to Programming
  - Basic VB.Net programming
  - MS-DOS Scripting

Remarks: Advanced curriculum as a merged educational program by PCWHS.

SKILLS   (Continued)

SYSTEMATIC PLANNING

Systems Design SSAD OOAD

Database Design RDBMS ERD

UML 2.0 (Intermediate)

Project Management (Intermediate)

ALGORITHM DESIGN

Bit Manipulation

2's Complement IEEE Floating-Point

Big O Analysis (Intermediate)

Valuable understanding in Computer Science as a helping tool for algorithm design and optimized programing logic constructs.

AUXILIARY EXPERTISE

PC Maintenance

Setup Troubleshooting Installation

Windows Administration

Registry Group Policy Disk Partitioning

Microsoft Office 2003 2007 2013

Adobe Photoshop CS2–CS5

Adobe Flash CS4 CS5

NOTES AND REFERENCES

Note: Credibility for the cited publications can be confirmed as each provided link associates a contact address (e.g. GitHub user profile, Play Store app description, etc.)

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