AHMAD ALHOUR

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WORK EXPERIENCE

Senior Software Engineer, Tech Lead TrustYou

Jan 2016 - Present Munich, Germany

- Leading progress on TY Connect: a platform for integrating mass-market hotel partners with TrustYou.
- Leading a team of 5 engineers across software specification, estimation, architecture and delivery.
- Full-stack involvement, using mainly Python, Tornado and Web Stack (JavaScript, HTML, CSS).
- Worked on several TrustYou products: TY Analytics, Guest Satisfaction Survey, Stars.
- Developed a complete app for processing millions of hotel reviews daily using Python and Apache Spark.
- Tech-Stack: Git, Bash, Python, Tornado, Gulp, Web Stack (JavaScript, HTML, CSS), RabbitMQ, PostgreSQL, MongoDB, Redis.

Software Engineer in R&D CCC (Consolidated Contractors Company)

Dec 2012 – Dec 2015 Athens, Greece

- Full-stack involvement, using mainly C#, .NET, and Web Stack (JavaScript, HTML, CSS).
- Worked on building open-source powered software to replace existing proprietary solutions.
- Developed a distributed telephony billing and invoicing app for all offices, projects sites and employees.
- Developed multiple small-size apps on various platforms: Android, iOS and Windows 7.
- Designed and developed RESTful APIs for various in-house (legacy) apps.
- Tech-Stack: Git, Bash, C#, .NET, MS SQL Server, HTML, CSS, JavaScript, jQuery, Twitter Bootstrap.

Software Engineer D1G.com

Jun 2011 – Oct 2012 Amman, Jordan

- Developed interactive UI widgets on D1G.com for Ads clients.
- Developed an MVC app using RubyOnRails for publishing Ads on D1G.com in real-time.
- Developed public RESTful APIs via RubyOnRails to support consuming D1G.com content.
- Tech-Stack: Git, Ruby, Ruby On Rails, MySQL, HTML, CSS, JavaScript, jQuery.

Web Developer (Intern)
Feb 2011
CommunitiesTech

May 2008 -

Amman, Jordan

- Worked on a part-time contract, balancing work and study.
- Web development of the <u>Bangaia.com</u> platform, using mainly PHP, PRADO Framework and MySQL.
- Created a PHP library for developing RESTful Web-Services through the PRADO Framework,
- Integrated Rackspace Cloud Services with Bangaia.com assets management.
- Tech-Stack: SVN, PHP, PRADO, MySQL, HTML, CSS, JS, jQuery.

EDUCATION

Sep 2007 - Jun 2011

B.Sc. in Computer Science

Princess Sumaya University for Technology Amman, Jordan **Human Languages:**

• Arabic (native fluency) • English (bilingual fluency) • Greek (basic)

Programming Languages, professional experience:

• Python (proficient) • JavaScript (good) • C# (proficient)

• Ruby (well) • PHP (well)

Programming Languages, basic familiarity:

KotlinC / C++ScalaJavaBash

Other Computer Languages:

• SQL (good) • HTML (good) • CSS (good)

Frameworks:

• Tornado (Python) • Flask (Python) • Ruby On Rails

• C# .NET Stack • Twitter Bootstrap

Data Stores:

• PostgreSQL • MongoDB • Redis

Areas of Expertise:

Web Apps (proficient)
 Desktop Apps (basic)
 System Administration (basic)

• Computer Algorithms (good) • Machine Learning (basic) • Compilers (basic)

SIDE PROJECTS

Please refer to: aalhour.com/projects, for a longer list of my side projects and open source-contributions.

• **PyCOOLC**, Compiler for the *COOL* Language, targeting the MIPS 32-bit Arch., written in Python 3.

@GitHub: https://github.com/aalhour/PyCOOLC

• Assembler.hack, A 16-bit machine code assembler for the Hack-Assembly Language, written in Python 3.

@GitHub: https://github.com/aalhour/Assembler.hack/

• micro kanren.py, A Relational-Declarative Logic programming DSL (Domain-Specific Language).

@GitHub: https://github.com/aalhour/micro_kanren.py

• **C# Algorithms**, Portable C# class-library of 35+ Data Structures and 30+ Algorithms implementations.

 $\hbox{@Github:} \ \underline{https://github.com/aalhour/c-sharp-algorithms}$

REFERENCES

• Saddam Abu Ghaida, Sr. Engineer / Tech Lead, CCC, 2012 - Present

• Wael Farhan, Sr. Engineer / Tech Lead, D1G Corp, 2011 - 2012

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