

# AHMAD ALHOUR

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## SUMMARY

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A citizen of the web and a full-time software engineer with a B.Sc. degree in Computer Science. Involved in full-stack software development (web & desktop). Geek at heart, math-hobbyist, polyglot, polymath and team-spirited.

## WORK EXPERIENCE

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**Software Engineer**  
**TrustYou**

**Jan 2015 - Present.**  
**Munich, Germany.**

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

**Dec 2012 – Dec 2015.**  
**Athens, Greece.**

- Full-stack involvement, using mainly C#, .NET, and JavaScript.
- Developed a distributed telephony billing app for all CCC offices and employees.
- Developed a desktop app for simulating mail-phishing attacks.
- Developed two mobile phones using Android SDK and Titanium Studio (iOS).
- Designed and developed RESTful APIs for various in-house applications.
- Administration and automation of Linux machines using mainly Bash shell scripts.
- **Technologies:** Git, Bash, C#, .NET, MS SQL Server, HTML, CSS, JavaScript, jQuery & Twitter Bootstrap.

**Software Engineer**  
**D1G (Arab Directory for Internet Sites)**

**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.
- **Technologies:** Git, Ruby, Ruby On Rails, MySQL, HTML, CSS, JavaScript, jQuery.

**Web Developer (Intern)**  
**CommunitiesTech**

**May 2008 – Feb 2011.**  
**Amman, Jordan.**

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

## EDUCATION

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**Sep 2007 - Jun 2011**

**B.Sc. in Computer Science.**  
Princess Sumaya University for Technology.  
Amman, Jordan.

## SKILLS

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### 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:

- Scala
- Java
- Bash
- C / C++
- Scheme

### Other Computer Languages:

- SQL (good)
- (X)HTML (good)
- CSS (good)

### Frameworks:

- Python Tornado
- Ruby On Rails
- C#.NET Stack (ASP, MVC & WCF)
- Ext.NET
- Twitter Bootstrap

### OS / Environments:

- CentOS Linux
- MS Windows
- Mac OS X
- MS SQL Server
- MySQL

### Areas of Expertise:

- Web Apps (proficient)
- Desktop Apps (basic)
- System Administration (basic)
- Computer Algorithms (good)
- Machine Learning (basic)

## SELECTED OPEN-SOURCE PROJECTS

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- **micro\_kanren**,  
An object-oriented microKanren implementation in Python 3.  
@GitHub: [https://github.com/aalhour/micro\\_kanren](https://github.com/aalhour/micro_kanren)
- **C# Algorithms**,  
Two class-library projects consisting of implementations of Data Structures and Algorithms, written in C#.  
@Github: <https://github.com/aalhour/c-sharp-algorithms>
- **C# ORM, co-creator**,  
A lightweight object-relational mapper, written in C#. Supports processing table-relations, and SQL queries construction.  
@Github: <https://github.com/rnd-projects/orm>
- **iBill, co-creator**,  
A commercial, multi-featured, billing, invoicing and reporting app of various telephony infrastructures and providers (i.e. MS Lync and Asterisk), written in C# and ASP.NET.  
@GitHub: <https://github.com/rnd-projects/ibill>

## REFERENCES

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- **Saddam Abu Ghaida**, Sr. Engineer / Tech Lead, CCC, 2012 - Present. [sghaida@ccc.gr](mailto:sghaida@ccc.gr)
- **Wael Farhan**, Sr. Engineer / Tech Lead, D1G Corp, 2011 - 2012. [wyfarhan@gmail.com](mailto:wyfarhan@gmail.com)