

# Lawand Dalatieh - Software Developer

## Personal Details

- Name: Lawand Dalatieh
- Born: 16/10/1987 Damascus, Syria
- Residence: Hamburg, Germany
- E-Mail: [lawand.dalatieh@gmail.com](mailto:lawand.dalatieh@gmail.com)
- WWW: <http://coinonedge.com/>
- <https://de.linkedin.com/in/lawanddalatieh>



## Summary

- Bachelor's degree in Information Engineering – HAW Hamburg, Germany.
  - Erasmus exchange semester at ITT Dublin, Ireland.
- 4 years of desktop application development using C++.
  - Including a 20 week full-time internship.
- 1.5 years of front-end web application development using JavaScript.
  - Including a 6 month bachelor thesis project.
- Several freelance projects. Software development training experience.

## Career Aim

- Looking to further my web application development experience and be involved in interesting projects that I would feel passionate about.
- Interested in relocating to Berlin in April/May 2016.

## Keywords

- XHTML, HTML5, CSS3, Bootstrap, JavaScript, Google Chrome API, jQuery, jQuery UI, AngularJS, Leaflet, D3.js, NVD3, RESTful, Dropbox API, Google API, SQL, PHP, Python, Django, J2EE, C++, GCC, MinGW, OpenGL, Qt, Java, J2SE, Eclipse, C, Microcontrollers, Embedded C, Arduino, Git, x86 Assembly, Unit testing, Code coverage, Continuous integration, Jenkins, Hudson, Gerrit, Phabricator, Squish, Squish Coco, SAP Cloud for customer, JIRA, UML, Linux, Maemo, Symbian, VMware, VirtualBox, Wordpress, GIMP.

## Portfolio / Timeline

- **2007:** Started studying an Informatics Engineering undergraduate course at the University of Damascus, Syria.
- **2009:** Participated in a freelance project: PC-ECG.
  - Allows medical doctors to perform Electrocardiography using a personal computer.
  - Implemented the PC Client using C++/Qt/Microcontroller software.
  - <http://coinonedge.com/pc-ecg/>
- **2009:** Participated in a freelance project: LPD.
  - English to Arabic translation of web development videos
- **2009:** Worked on a university project: SciCalc Billiards.
  - A 3D billiards simulation that displays the effects and results of rigid body elastic collision, friction and force decay.
  - Main developer of the project.
  - Implemented in C++/Qt/OpenGL.
  - <http://coinonedge.com/scicalc-billiards/>
- **2010:** Taught several C++/Qt software development training courses.
- **2010:** Created an open source application: German Noun Gender Trainer.
  - Helps learning German by memorizing genders of German nouns.
  - Desktop and mobile versions available.
  - Implemented in C++/Qt.
  - <http://coinonedge.com/gngt/>
- **2011:** Created an open source application: Droper.
  - Symbian Dropbox client.
  - Implemented in C++/Qt.
  - <http://coinonedge.com/droper/>
- **2011:** Started studying an Information Engineering undergraduate course at Hamburg University of Applied Sciences, Germany.
- **2012:** Started working as a part-time software developer at froglogic GmbH.
  - Desktop application development in C++/Qt.
  - Developing a unit testing automation suite.
  - <http://www.froglogic.com/>
- **2012:** Tutored a C programming course at Hamburg University of Applied Sciences.
- **2013:** Did an Erasmus exchange semester at ITT Dublin, Ireland.
  - Took courses in computing and electrical engineering.

- **2013:** Did a 20 week software development internship at froglogic GmbH.
  - Participated in the development of Squish Coco and other projects.
  - <http://coinonedge.com/squish-coco/>
- **2014:** Worked on a university project: Ultrasonic FMCW Radar.
  - An FMCW radar system using ultrasonic sensors.
  - Consists of a sensors/board and a PC client.
  - Implemented the PC Client using C++/Qt/Microcontroller software.
  - <http://coinonedge.com/ultrasonic-fmcw-radar/>
- **2014:** Participated in a freelance project: C4C Google Calendar Sync.
  - Allows synchronizing an SAP Cloud For Customer system's event calender with a Google Calendar account.
  - Main developer.
  - Google Chrome add-on implemented using JavaScript, Google Chrome API, jQuery, jQuery UI, SAP SOAP services and Google Calender API.
  - <http://coinonedge.com/c4c-gcal-sync/>
- **2015:** Started working as a part-time web developer at nachtblau GmbH.
  - Worked on the front-end and back-end of medialoopster, a web-based digital asset management system (<http://medialoopster.de/>).
  - Developed the application using jQuery/Bootstrap in the front-end and Python/Django in the back-end.
  - <http://nachtblau.tv/>
- **2015:** Worked on a university project: Arduino Navigator.
  - A navigation device based on an Arduino board and a MEMS chip.
  - Arduino code implemented in Arduino's embedded-C and a PC client implemented in Java J2SE.
  - Project leader.
  - <http://coinonedge.com/arduino-navigator/>
- **2015:** Started working on a bachelor thesis project at Maritime Data Systems GmbH.
  - Port Tracker: a seaport tracking application that provides statistical tugboat performance information as well as the option to visualize tugboat-assisted movements of vessels into and out of a seaport using AIS data (<http://coinonedge.com/port-tracker/>).
  - Main developer of the front-end which uses JavaScript, jQuery, AngularJS and the Leaflet map library.
  - <http://www.maritimedatasystems.com/>
- **2016:** Finished studying the Information Engineering course at Hamburg University of Applied Sciences.