



# Curriculum Vitae

## Personal Data

Name Dr. **Barbara Ondrisek**  
Birthday 2.10.1979  
Birthplace Vienna, Austria (Austrian citizenship)  
Email [office@electrobabe.at](mailto:office@electrobabe.at)  
Xing [https://www.xing.com/profile/Barbara\\_Ondrisek](https://www.xing.com/profile/Barbara_Ondrisek)  
LinkedIn <https://www.linkedin.com/in/electrobabe>  
GitHub <https://github.com/electrobabe>

## Education

Primary school *Volkschule Deutsch-Wagram* (1986 – 1990)  
Secondary school *BG Gänserndorf* (AHS) (1990 – 1998) Matura  
University **Computer Science** (Master of Science / Dipl.-Ing.)  
Vienna University of Technology (1999 – 2004)  
Thesis „Entwurf und Realisierung eines Prototyps für Mobile Government am Beispiel von mobilen Wahlen“ (prototype of a mobile e-voting system)  
**Informatikmanagement** (Master of Social and Economic / Mag.rer.soc.oec.)  
Vienna University of Technology (2006 – 2007)  
**Doctorate** (PhD / Dr.techn., Faculty Computer Science)  
Vienna University of Technology (2005-2008)  
Dissertation on IT security of e-voting systems „Sicherheit elektronischer Wahlen - Eine Methode zur Bewertung und Optimierung der Sicherheit von E-Voting-Systemen“ [Amazon](#)  
- This work won the *Dr. Maria Schaumayer-price* 2008!

## Core competences

- Senior-Developer with 15+ years of practical experience, including 5 years team lead
- Java Web-Development
- Mobile-Development (Android)
- Certified Scrum Master
- Chatbots & NLP

## IT Skills

Software development	OO programming, requirements analysis, creation of specifications, DB design, SW architecture, estimates and creating of plans, automated testing, agile development
Programming languages	Java (1.4 – 1.8, J2ME/J2SE/J2EE bzw. JEE), JavaScript, HTML, PHP, VB, Shell
Web development	Java (JEE – JSP, JSF, Servlets, EJB3.0), JavaScript, AngularJS, XML, HTML, Webservices, REST, SOAP, XML/RPC, Ajax, JSON, Tomcat, JBoss, CSS
Databases	Oracle, SyBase, ODBC, JDBC, MySQL, MS SQL, PL/SQL, JPA/Hibernate, Java Persistence API (JPA), PostgreSQL, DB2
IDEs	IntelliJ, Android Studio, Eclipse, JBuilder
Mobile Development	Android SDK, Google API, Gradle, J2ME Wireless Toolkit
Bugtracking tools and test tools	Jira, YouTrack, Mantis, Track+, BugZilla. JUnit, Selenium, PhantomJS, Mockito, HP TestManager, TestPartner
Development tools	Git/GitHub, SVN, SOLR, Ant, Maven, UML, EER, Toad, Together Architect, Visual Paradigm
OS	Win7, Linux, Unix (Shell)
Microsoft products	MS Office Produkte jeweils Word, Excel, Outlook, PoerPoint, Visio
Other Programms	OpenOffice, Slack, Confluence, PhotoShop, Tortoise, Skype u.v.a.

## Other skills

Agile methods	Certified Scrum Master, Kanban, TDD, XP, Lean Management
Foreign languages	German (mother tongue), English (business fluent) Basics: French, Czech
Driving license	Car and motor bike
Math	High interest in math and pedagogic experience giving private lessons (1996-2004)
Hobbies	Friends, cinema, sports (yoga, skiing, etc), travel ...

## Scientific Publications

B. Ondrisek: „Risiken von E-Voting – Sicherheit und Probleme elektronischer Wahlen“. Informatik-Spektrum, Volume 32, Number 5 / Oktober 2009. Verlag Springer Berlin / Heidelberg, 2009. S. 373-377.

*B. Ondrisek: „E-Voting System Security Optimization“. Proceedings of the 42nd Hawaii International Conference on System Sciences (HICSS-42), 8 pages, CD-ROM, IEEE Computer Society, January 2009.*

B. Ondrisek: „Sicherheit elektronischer Wahlen“. Verlag Dr. Müller, 2008

B. Ondrisek: „Sicherheit von E-Voting-Systemen“. In: „D • A • CH Security 2008“, IT Verlag, 2008, S. 262-271

B. Ondrisek, T. Grechenig, P. Leitner: "Eine prototypische Diskussion von M-Voting am Fallbeispiel der Wahl zum österreichischen Bundespräsidenten". In: "IRIS 2005. Effizienz von e-Loesungen in Staat und Gesellschaft. Aktuelle Fragen der Rechtsinformatik", Richard Boorberg Verlag, 2005, S. 290 - 297

etc. see also [papierwahl.at](http://papierwahl.at) (e-voting counter-movement in Austria)

## Career

### **CEO & Co-Founder & Chief Software Engineer** since 1.7.2016

Company	Chatbots Agency <a href="http://chatbotsagency.com">http://chatbotsagency.com</a>
Function	<ul style="list-style-type: none"><li>• Chief Executive Officer, CTO, Chief Engineer and Head of Sales at my own agency.</li><li>• At the Chatbots Agency we build custom made chatbots.</li><li>• Exemplary Products:<ul style="list-style-type: none"><li>• Mica, the Hipster Cat <a href="http://hipstercatbot.com">http://hipstercatbot.com</a></li><li>• Patent Office Chatbot Albert <a href="https://www.patentamt.at/albert">https://www.patentamt.at/albert</a></li><li>• ELIZA <a href="https://m.me/elizachatbot">https://m.me/elizachatbot</a></li></ul></li></ul>
Stack	JSON/REST Backend on Windows 7 with IntelliJ, Java 1.8, Spring, JPA, MySQL, Tomcat, JUnit, GitHub, Maven, Sonar. Facebook Messenger, Skype, Telegram, Kik, Viber. Agile & TDD.

### **Co-Founder, Android/iOS App Developer** 1.10.2015-1.7.2016

Company	<a href="http://likeahipster.com">likeahipster.com</a> Mobile Apps ( <i>Eigenes Produkt!</i> U+0029)
Function	<ul style="list-style-type: none"><li>• Android and iOS Mobile Development</li><li>• Test Driven Development</li><li>• Android <a href="https://play.google.com/store/apps/details?id=com.likeahipster.app">https://play.google.com/store/apps/details?id=com.likeahipster.app</a></li><li>• iOS <a href="https://itunes.apple.com/at/app/like-a-hipster/id1080155859">https://itunes.apple.com/at/app/like-a-hipster/id1080155859</a></li></ul>
Techn. Details	On Windows 7 / OS X with AndroidStudio / XCode, Java 1.8 + Android SDK / Ionic (HTML5/JS/CSS). REST, JUnit, Gradle, GitHub. Google APIs.

### **Tutor - Volunteer** August 2015

Organization	Vienna University of Technology
Function	<ul style="list-style-type: none"><li>• Teaching basic computer skills to refugee teenagers</li></ul>

### **Senior Software Developer - Freelancer** 1.6.2014 – 5.5.2016

Company	BeeOne GmbH, 1010 Vienna
Function	<ul style="list-style-type: none"><li>• Java Backend Developer</li><li>• Full-Stack Developer AngularJS</li><li>• Online Banking of Erste Group <a href="https://george.sparkasse.at/">https://george.sparkasse.at/</a></li></ul>
Techn. Details	On Windows 7 with IntelliJ, Java 1.8, Spring, JPA, Oracle, Tomcat, JUnit, GitHub, Maven, Jira, Jenkins, Sonar. AngularJS, Gulp, Grunt, Bower, Jade. TDD, Selenium, PhantomJS. Kanban.

### **Android App Developer** 1.11.2013-1.10.2015

Company	<a href="http://chefbabe.at">chefbabe.at</a> Android App ( <i>Own Product!</i> )
Function	<ul style="list-style-type: none"><li>• Android Software Developer</li><li>• Testdriven Development</li><li>• <a href="https://play.google.com/store/apps/details?id=at.electrobabe.chefbabe">https://play.google.com/store/apps/details?id=at.electrobabe.chefbabe</a></li></ul>
Techn. Details	Developed on Windows 7 with AndroidStudio, Java 1.8, Android SDK. SOAP/REST, JUnit, Gradle, GitHub. Google API.

**Android App Developer - Freelancer** 14.07.2014 - 17.03.15

Company Freewave Gmbh, 1130 Vienna

- Function
- Android Software Developer
  - Testdriven Development
  - <https://play.google.com/store/apps/details?id=at.freewave.android>

Techn. Details Developed on Windows 7 with AndroidStudio, Java 1.7, Android SDK. REST, JUnit, Ant/Maven, Git/GitHub. Google API.

**Dev Team Lead / Android / Scrum Master** 27.1.2014-30.4.2014

Company Keyosk GmbH, 1060 Vienna

- Function
- Scrum Master
  - Lead Developer / Dev Team Lead (9 persons)
  - Android Development [keyosk-tablets.com](http://keyosk-tablets.com) resp. [keyosk.io](http://keyosk.io)

Techn. Details On Windows 7 with Android Studio, Java 1.7, Cordova, Google Analytics, JUnit, Git/GitHub, Ant/Maven, YouTrack, Jenkins, Sonar. MDM. FE/BE: PHP5, JS, MySQL, CouchDB. Scrum.

**Senior Software Developer** 9.1.2012-15.9.2013

Company willhaben internet service GmbH &amp; Co KG, 1030 Vienna

- Function
- Development and Refactoring of [willhaben.at](http://willhaben.at)
  - Replacement of existing search technology (ESP FAST) by Apache Solr (SolrJ)

Techn. Details On Windows 7 with IntelliJ, Java 1.6, JSPs, Servlets, Spring Web Flow, Tomcat, Solr, JUnit und Mockito, SVN, Maven, Jira, Hudson/Jenkins, Sonar. Scrum.

**Dev Team Lead** 1.6.2010-31.8.2011

Company paysafecard.com Wertkarten AG, 1120 Vienna

- Function
- Lead of 4 Devs and 2 QAs
  - Refactoring and development of new features, architecture responsibility, DB modeling, source-code reviews, coding guidelines
  - *Project:* [yunacard.com](http://yunacard.com) (Prepaid Mastercard)

Techn. Details Developed on Linux with Eclipse, JEE 1.6, JSF, Ajax, Seam, EJB3.0, JBoss, Maven, SVN On MySQL (Hibernate). Jira, Hudson, Sonar, Visual Paradigm. Java Keytool (Security Certificate). Scrum.

**Solution Architect** 1.4.2009-30.4.2010

Company Hewlett-Packard Ges.m.b.H., 1120 Vienna

- Function
- Solution Architect, Lead/Organization of 10-15 persons
  - Technical project management, quality management
  - *Projects:* Das Wiener Online Schulverwaltungssystem *WiSion*

Techn. Details Eclipse, JEE 1.6, JSF, Ajax, Seam, EJB3.0, JBoss, Maven, SVN, Oracle (Hibernate). Jira, Hudson, Sonar.

**Senior Developer - Freelancer** 1.3.2007-31.3.2009

Company Ministry of Defense, 1060 Vienna

via Fa. Beko, 1030

- Function
- Web Development, refactoring and OO programming of a enterprise CMS and desktop applications
  - *Projects*: Central CMS and Online telephone book of the BMLV
- Techn. Details Developed on Windows XP with J2SE/J2EE, AJAX, JBuilder 2006, Java 1.6, JavaScript, Tomcat, SVN, Ant, Jira On Oracle (SQL, PL/SQL, XSQL, Torque, Hibernate bzw. TopLink (JPA)) with Toad and SQLPlus. JUnit, TestPartner and VBScript.

**Senior Developer - Freelancer** 1.4.2005-30.9.2006

- Company Knallgrau New Media Solutions GmbH, 1170 Vienna
- Function
- OO development of Weblog systems
  - *Projects*: [weblife.at](http://weblife.at) (Telekom Austria), [blogr.com](http://blogr.com) (Knallgrau), [twoday.net](http://twoday.net) (Version 3.0, Knallgrau), [business.twoday.net](http://business.twoday.net) (Knallgrau), Autobild (Axel Springer Verlag), Corporate Blogs (Telekom Austria)
- Techn. Details Developed on Windows XP with Java, JavaScript, EditPlus, helma (Webserver). LDAP, XML/RPC, REST, RSS. CVS, SVN, Maven, Server Clustering (Helma Swarm). MySQL, Oracle 9i.

**Senior Developer - Freelancer** 5.4.2004-31.3.2005

- Company Telekom Austria AG, 1020 Vienna
- Function
- Newsletter content management system
  - Portal relaunch (Vignette V7 CMS)
- Techn. Details Developed on Windows XP with PHP, Java, Oracle 9i, HTML, CSV, XML/XSLT. VIM, Apache resp. JBuilderX with Tomcat and Axis. CVS.

**Mobile Developer - Freelancer** 21.1.-3.2.2004

- Company CoCo Mobile Telematics GmbH, 1040 Vienna
- Function
- Java-Client (J2ME) with server connection (via HTTP) for *Java Enabled Phones* (Siemens MT50, Nokia 6610)
- Techn. Details Developed on WinXP with JBuilder6 with MobileSet2 and CVS.

**Software Developer - Freelancer** 27.9.2003-1.4.2004

- Company openForce Information Technology GesmbH, 1180 Vienna
- Function
- OO programming of a n-tier Systems (CMS-Tool)
- Techn. Details Developed with Java (J2EE, JSP), PostGreSQL, HTML, Struts on WinXP with Eclipse, Tomcat, ant, Track+ and CVS.

**Software Developer - Freelancer** 29.10.2002-31.12.2003

- Company Austrian IP-Center, 1230 Vienna
- Function
- OO programming of central homepages (portals with login, newsletter mgmt, billing, online-questionnaires etc.)
  - Creation of specifications incl. DB design (EER), testing
- Techn. Details Developed with PHP (SMARTY, ADOdb), HTML, JavaScript. MySQL/MS SQL On Windows 2000/ WinXP with VIM, Apache, CVS.

**Tutor - Part-time job** 1.10.2002-31.1.2004

- Company TU Vienna - Zentraler Informatikdienst (ZID), 1040 Vienna

Function Tutor, technical support  
Techn. Details Linux-Workstations

**Internships – with employment abroad** Febr.2001, Febr.02 and 1.7.-30.9.02

Company Siemens AG PSE, 1210 Vienna

Function

- One month stay in Brno (CZ), communication in English (also CZ)
- Development of SIP(Session Initiation Protocol) applications for PDAs (*Personal Java*) and *Java Enabled Phones*
- Java Messenger-Clients for Siemens mobile phones M50 and C55 and for iPAQ Pocket PC

Techn. Details Developed with Java, J2ME resp. MIDP, XML, MySQL, on Win98, Win2000 with JBuilder6 + MobileSet2, JBuilder7 + MobileSet3.

**Junior Developer - Freelancer** 1.8.2001-31.12.2001

Company IBM GmbH, 1020 Vienna. Kunde: BRZ, 1030 Vienna

Function

- OO programming of a dynamic DB tool

Techn. Details Developed with Java 1.42, XML, DB2 and MS Access on Win2000 with JBuilder4 and JBuilder5, CVS.