Marc **Bampton**

Status & Contact

Address	Berlin, Germany	*DOB*	31-08-1972
Phone	+49 (0) 176 3439 8803	*Health*	Excellent
Email	marcbampton30@gmail.com	*Driving License*	Full/Clean
Web	https://carcmedev.github.io	*Marital Status*	Single
Education	MEng Electronic and Computer Engineering		

Professional Summary

Highly-skilled software development professional bringing more than 15 years in software design, development and integration. Possesses strong knowledge of embedded C and Java and quickly masters new software and technologies.

Skills

Embedded C	Protocol Stack	Agile
Java/J2ME/Android	Linux/Unix	Code reviews

History

Android Development **Berlin, Germany**   March 2016 – To Date

B-Town | Berlin Tours & Map
- Currently being re-written to follow MVP guidelines
- Technologies used: Retrofit, Room, REST, Firebase, Butterknife, Glide, OsmDroid, OkHttp
- Source code: https://github.com/carcme/btown_mvp

AnyGivenDate | Event Counter
- Any Given Date displays a counter to any event, past or future, with an image of your choosing.
- Choose image from the cloud, your gallery or use the camera.
- Edit the image to create a stunning counter display.

BlackBooks
- A lateral thinking application for the Android platform.
- Design, develop and release.
- Full details available at https://carcmedev.github.io/blackbooks

Harman International **Stuttgart, Germany**   November 2016 – February 2017

Embedded Software Engineer
- Contract cut short due to no Purchase Order for contract.
- Create a reverse proxy to parse links to the back-end servers for 'in car entertainment system'.
- Dynamic insertion of session key in request headers.

NXP **Graz, Austria**   July 2015 – December 2016

Embedded Software Engineer
- Develop firmware and supporting software (test, demo, lab) for a new automotive communication base station.
- - Write C/C++ to develop a command line tool according to specification.
- - Maintain and enhance the JUnit test harness in accordance with the specification.

ATOS **Brussels, Belgium**   January 2014 – July 2014
Java Application Engineer / Technical Consultant
- Develop new and enhance existing Java functionality to the JNI.
- Create applications to demonstrate functionality and provide '*ow to* information to customers.
- Provide technical support to various worldwide customers.

Intel **Nuremberg, Germany**   June 2012 – August 2013
Layer 3 Software Engineer
- Develop GSM RR stack from 3GPP specification on embedded C in a Unix and Windows environment.
- - Use log file and core dump analysis to identify issues.
- - Write functionality & regression tests.

Nokia **Farnbough, England**   October 2010 – June 2012
S40 Software Developer
- Use existing source code to develop a Testify framework to highlight existing bugs and emphasis future regression problems across a number of products.
- Ensure Java Test Harness compliance to JSR specifications.
- Create, maintain and document the central test server, ensuring security and functionality of worldwide test harness.

Personal Time **Worldwide**   January 2010 – October 2012
Not Applicable
- Personal time spent traveling, 22 locations in all. Built a workshop for father and helped him build a house.

Nokia **Berlin, Germany**   January 2009 – December 2009
Ovi Maps Test Harness Developer
- Create test harness and test cases using CppUnit and CTC++
- Document code coverage statistics.
- Development to be modular and utilise both black and white box methods.
- Present weekly progress and coverage reports to upper management and identify potential risks.

Ericsson **Lund, Sweden**   September 2007 – January 2009
Java Test Development Engineer
- Java MIDlet development to verify platform JSR implementation.
- Implement and demonstrate pilot study for a new platform implementation utilising Java as the main API.

Texas Instruments **Berlin, Germany**   September 2004 – July 2007
GSM and UMTS Software Consultant
- Development of dual stack in accordance with UMTS R5 3GPP specification
- Investigate and document the integration of 3rd party UI application suite with the TI protocol stack based upon 3GPP specification.

Microcell **Oulu, Finland**   June 2003 – June 2004
GSM and UMTS Software Consultant
- Provide animation and imaging features for a new GSM product
- - EMS presentation, control and delivery development and defect corrections for message encoding/decoding, image, animation and melody support.
- - Implementation of viewers and decoder for image and animation formats (JPG, GIF, BMP, WBMP and BMX).