

# Niklas S. Rahmel

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## Personal Profile

I am currently a Mobile Applications Engineer on iOS team for BBC News, as part of the BBC's Software Engineering Graduate Scheme. I am looking to find a position as a software engineer in media or news following the scheme, and/or to continue education through a part-time Masters programme.

## Education

2012 – 2015

### The University of Exeter

BSc. (Hons) IT Management for Business (2:1)

Key Modules

- *Software Development, Software Engineering,*
- *Enterprise Computing*
- *Database Theory & Design*
- *Operations Management, Human Resource Management*
- *Statistics, Accounting*

Final year project: *Real-Time Watermarking of H.264 Video Streams* in C/C++ & Webinterface

2010 – 2012

### Bloxham School

A-Levels: Advanced Physics (A), Mathematics (A), German (A), Business Studies (B), Chemistry (AS: B)

Oxfordshire Sixth Form Physicist of the Year 2011

Matthew Smith Senior Physics Prize

2005 – 2010

### Erzbischöfliches Suitbertus-Gymnasium

Advanced/Optional Subjects: Mathematics, Physics, Informatics, Latin.

Grade Average: 2.6

## Work Experience

2013 – 2015

### Graduate Developer at BBC

1. Backend Software Engineer: Vivo API. Developing Scala services on a web-based CMS for journalists.
2. Frontend Web Developer: iPlayer RW. Working in Playback & Catalogue teams. Javascript/Sass/AWS
3. Mobile Applications Engineer: News iOS. Working on WS news apps, and prototyping for tvOS/watchOS

2013 – 2015

### Photographer at University of Exeter Students' Guild and Freelance

Photographer for a range of jobs that accrue within the organisation (Marketing, Corporate, Entertainment)

*Freelance photography for a variety of external clients.*

2014 (3 months)

### Junior Linux Systems Administrator (IT & Web Operations) Intern at Brandwatch

Assisting the Systems Teams in Brighton with daily operations/office move.

Leading development of bespoke system to integrate Asterisk VoIP with Salesforce.com for tracking.

2014 (1 week)

### Locations Runner at Kudos Film and Television

Assisting both the AD team and locations manager on location and at unit base for filming of three episodes of the second season of ITV drama *Broadchurch*.

2013 (4 months)

### Web Developer at Gordon Morris Ltd.

Lead Project Manager and Developer for PHP/MySQL Online Questionnaire program

2012 (1 month)

### Intern at METRO PROPERTIES GmbH & Co. KG

Shadowed and supported the Project Management process for a month; involved in the departments of "Planning" (*CAD-processing with AutoCAD Architecture 2013*), "Tender/Contract/Payment" (*SAP*), "Project Management" (*Contract Draw-Up*) and "Technical Property Management" (*On-Site visits*).

2011 (1 month)

### Intern "Systems Integration" at Kreisverwaltung Mettmann

Software Deployment. 2<sup>nd</sup> Level Support. Conferences & Workshops (MS SCCM, Data-Centres, Citrix Xen).

Evaluation of tablets computers as Thin Clients to existing infrastructure

## Voluntary Experience

2014 – 2015

### Student Trustee at University of Exeter Students' Guild (*elected position*)

Non-Executive director on trustee board of £5m charity. Approve accounts, taking legal and financial responsibility and overseeing strategic direction of the organization in the interest of the student body.

Member of Finance & Audit Committee to set and approve the budgets year on year.

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- 2013 – 2015 **Welcome Team Senior at University of Exeter Students' Guild**  
Leading a team of student volunteers and responsible for moving ~250 new students into their accommodation. Overseeing the team of 180 volunteers on nights out and on campus helping new and returning students.
- 2013 – 2015 **Station Manager at XTV (from April 2014, previously Technical Manager; elected position)**  
In charge of the operation, development and committee of the students' TV station and its members. As Technical Manager in charge of all technical equipment & budget, development and online presence.  
**Winner "Best News & Current Affairs" at the National Student TV Awards 2016**  
**Winner "Best Video to Music" at the National Student TV Awards 2015**  
**Winner "The Tim Marshall Award for Special Recognition" at the National Student TV Awards 2015**  
**Winner "Best Marketing" at the National Student TV Association Awards 2015**  
**Winner "Best Video to Music" at the National Student TV Association Awards 2015**  
**Highly Commended "Best Light Entertainment" at the National Student TV Awards 2014**  
**Nominated for "Best Technical" at the National Student TV Awards 2014**  
**Student Productions involved with:**
- *SEETalks presents*: Producer & Technical Director (3 ep.)
  - *Research Uncovered*: Series Producer (8 ep.)
  - *Boxing Varsity Live*: Producer (3 channels)
  - *Brilliant Britain*: Feature Producer (credited on Community Channel)
  - *Rugby Varsity*: Producer, GFX Operation (*Ross Xpression with integration to Dashboard & Carbonite*)
  - *General Election Night*: Producer, Technical Director
- 2013 – 2015 **Student Staff Liaison Committee – Rep for ITMB & Computer Science (elected position)**
- 2011 – Present **Communications and Public Relations Manager - Facebook at Magic Lantern**  
Managing a facebook page with currently 100,000+ fans; single posts reach up to 120,000 people
- 2012 – 2014 **Chief Photographer at Exposé (elected position)**  
Coordinating & managing a team of photographers and output for print and online  
Also picked up by *Express & Echo*, *SWNS*, *Western Morning News*, *The Grecian*, *The Tab*, *Exeter City* and others.  
**2<sup>nd</sup> Place "Best Use of Production Imagery and Design" at the Xmedia Awards 2014**  
**3<sup>rd</sup> Place "Best Coverage" at the Xmedia Awards 2014**

**Languages** German (mother tongue), English (Fluent)

**Skills**

- Functional & OO-Programming
  - Javascript (Frontend and Backend development, Node.js, ES6)
  - HTML/CSS (HTML5 components, React/Redux, Sass)
  - Scala (Scalatra, Spring)
  - TDD/BDD (Cucumber, Nightwatch, Mocha, Sinon, Scalatest)
  - Objective-C/Swift (Native Foundation Apps on iOS, tvOS and watchOS)
  - NoSQL Databases: MongoDB, Redis
  - MySQL/ORACLE SQL
  - Java: object-orientated in academic context
  - Python: functional and object-orientated in professional environment
- AWS Cloud technologies (EC2, ELBs, ALBs, SNS, SQS, Cloudformation, Lambda)
- Microsoft Office (Standard/Project/Visio)
- Microsoft Windows (XP-10 & Server 2008R2/ADDS)
- Linux
  - GUI
  - CLI (bash, ksh, zsh)
  - Debian/CentOS
  - LAMP
- Adobe Creative Suite
- Mac OS X

**Hobbies** Experimenting with the possibilities of new technologies, like the RaspberryPi or HTML5. Active Member of Computer Science Society (participations in Hackathons, support for members, friends & family, HTML workshops, etc.), and Business & Economics Society at the University and externally.  
Scouting.

Photography.

**Others** Full, clean **European Driving License**