tomas VITEK

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PROFESSIONAL EXPERIENCE

Twitter   August 2014 – September 2015
Full-stack Software Engineer   London, United Kingdom
- Working on TweetDeck, Twitter's client for journalists and other professional users
- Finding simple solutions to complex problems (both design and implemention)

JMX.CZ s.r.o.   2007 – Present
(Freelance) Web Developer   Prague, Czech Republic
- Designing and developing back-end for web applications
- Implementing graphical designs to a front-end of websites

Twitter   July 2013 – September 2014
Software Engineering Intern   London, United Kingdom
- Working on TweetDeck, Twitter's client for journalists and other professional users

Targetz Ltd.   Winter 2012 – June 2013
Web Developer Intern   London, United Kingdom
- Designing and implementing web based statistics and analytics dashboard applications

EDUCATION

King's College London   September 2015 – Present
Master / Doctor of Philosophy in Computer Science

- My research will focus on *Artificial Intelligence*

King's College London   September 2011 – August 2014
Bachelor of Science (Hons), Artificial Intelligence (Computer Science with Intelligent Systems)

- Completed with average mark of 89% — top 1% of the course
- Straight A academic record in all modules

Gymnázium Arabska, Prague, Czech Republic   September 2006 – August 2010
Grammar School (High School), Advanced Mathematics and Computer Science Class

- Graduated in Mathematics, Computer Science, Czech and English, straight A academic record
- Placed 26th in the Czech national round of The Informatics Olympiad, 2009

WORK-RELATED EXPERIENCE

STRV Apple Watchkit Hackathon (1ˢᵗ place)   **Spring 2015**
Engineer   **Prague, Czech Republic**

My teammate and I have been awarded first place for On The Dot app
for the Apple Watch (http://onthedot.be).

HackKing's (1ˢᵗ place)   **Spring 2014**
Engineer   **London, United Kingdom**

My team and I have won the best watch hack price with Reach Home (http://reachho.me)
watchface for Pebble at the UK's largest student-run university hackathon.

Official Facebook Hackathon 2013 (3ʳᵈ place)   **Spring 2013**
Engineer   **London, United Kingdom**

Together with my team I attended a 24-hour hackathon organised by Facebook's London
office. We made a Facebook real-time game and placed 3ʳᵈ from approximately 40 teams.

J.P. Morgan "Code for Good" Coding Challenge (Finals)   **Autumn 2012**
Designer & Developer   **London, United Kingdom**

My team and I made it to the finals for developing a data visualisation tool
for WaterAid charity and the IATI (International Aid Transparency Initiative).

IPO48   **Spring 2011**
Web App Developer   **Prague, Czech Republic**

In a boot-camp style competition we created a simple social network and got a chance to learn from world's
leading engineers, designers & investors. We presented our app to a panel of VCs & got an investment offer.

OTHER EXPERIENCE

King's College London   **2012 – 2014**
Student Representative at Staff Student Liaison Committee

Representing students from the course and helping them solve their
issues with the Informatics Department.

Nette Foundation   **2009 – 2014**
Nette Evangelist

Promoting and teaching about development in Nette Framework (www.nette.org/en) for PHP.

ACADEMIC AWARDS

- **Jelf Medal** - *awarded by the Principal to the most distinguished undergraduate student*
- **Peplow Prize** - *awarded to the student who has distinguished themselves in Robotics studies*
- **King's College London Engineers' Association Medal** - *awarded for the best engineering final project*
- **Siemens Prize** - *awarded to the student with the highest final mark in Engineering degree*
- **King's College Engineering Society Centenary Prize** - *awarded to the student with the most distinction at the final examination in a Undergraduate Robotics programme*
- **Sambrooke Exhibition in Natural Science (Computing)** - *for the best acad. results in 2ⁿᵈ year of study*
- **John Wiley and Sons Prize (Second Year)** - *awarded for the best results during the 2ⁿᵈ year of study*
- **myScholarship** - *awarded by the Principal to the most distinguished students*

TECHNICAL SKILLS   **Examples of projects**

- **Scala & Java Development**
  Worked with, designed, implemented and supported as oncall distributed Twitter APIs
- **Nodejs & mongodb**
  Implemented several APIs for side-projects in expressjs & koajs frameworks
- **Front-end coding [Javascript, HTML & CSS]**
  Implented visual designs for many websites; Worked on front-end of the TweetDeck application
- **Android Development**
  Designed, developed and published several Android apps with more than 20.000 installs
- **iOS Development [Swift]**
  Designed & implemented two iOS applications with Apple Watch companion
- **Web Development [PHP & MySQL]**
  Developed a Patient Management System for Laser Clinic Andel in Prague
- **Python**
  Mantained and supported as oncall TweetDeck API written in Python Twisted framework
- **C# Development**
  Developed a *GUI* application of a configurable game of life, with its simulation
- **C Development**
  Designed and developed an algorithm for robot control (line following, garbage collection, etc.)
- **Git Versioning System**
  Used for managing personal, university and work projects
- **LaTeX Typesetting System**
  Used for formatting all academic papers and courseworks

INTERESTS AND VOLUNTEERING

- **Scout Leader**   **2007 – Present**
  Organizing events (including summer camps), the entertainment,
  health and safety of the scout children.
- **King's College London Rowing Boat Club**   **2012 – 2014**
  I am representing King's College in rowing.
- **King's College London St. John Ambulance Society**   **2011 – 2014**
  I have been trained as a first aider.

LANGUAGES

- **English**   **(Bilingual Proficiency)**
- **Russian**   **(Elementary Proficiency)**
- **Czech**   **(Native)**