

# Petr Devaikin

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Portfolio: <http://petr-devaikin.github.io/>

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## Profile

I have a Master's degree in Software Engineering and working experience in the development of complex web systems. Furthermore, I have always been passionate about user experience design and data visualization, which is the reason I decided to continue my studies and am now pursuing a double Master's degree with a major in Human Computer Interaction and Design and a minor in Entrepreneurship and Innovation.

## Design and Development Skills

<i>Design</i>	User study, paper and video prototyping, Photoshop
<i>InfoVis</i>	D3.js, Processing
<i>Front-end</i>	HTML5, CSS3, SASS, JavaScript, jQuery, RequireJS, AngularJS, Pattern Lab, Ionic
<i>Back-end</i>	Python/Flask, Ruby/Rails, ASP.NET MVP, SQLite, MS SQL

## Education

- 2015 – 2017*    **Master of Human Computer Interaction and Design** (double degree)  
*EIT Digital Master School*  
*Entry University: Paris-Saclay (Paris-Sud), France*  
*Exit University: TU Berlin, Germany*  
*Major subjects:* fundamentals of human computer interaction, design and evaluation of interactive systems, information visualization, tangible interfaces, situated interaction, multimodal interaction
- 2010 – 2012*    **Master of Informatics and Computer Engineering**  
*Bauman Moscow State Technical University, Russia*  
*Major subjects:* distributed information processing systems, operating system design, digital signal processing, compiler construction, network protocols
- 2006 – 2010*    **Bachelor of Informatics and Computer Engineering**  
*Bauman Moscow State Technical University, Russia*  
*Major subjects:* advanced programming, fundamentals of computer science, types and structures of data, theory of formal languages, animation and computer graphics, object-oriented programming, databases, information security

## Work Experience

- May 2015 – Present*      **UX/UI Designer and Front-end Developer at Lobster IT** (London, UK)  
<http://lobster.media>  
Design and front-end development of new functionality for fast-growing start-up
- Dec. 2011 – July 2015*      **Senior Developer at CitySoft** (Moscow, Russia)  
<http://citysoftgroup.ru>  
Development of complex web and mobile systems, design, prototyping of web applications.
- May 2010 – Sept. 2011*      **Software Developer at Banks Soft Systems** (Moscow, Russia)  
<http://bssys.com>  
Front-end development of online banking system

## Publications

- 2013*      Devajkin P.A., Shikut A.V. Optical flow calculation for vehicle detection on video stream, Engineering Journal “Science and Innovation” (In Russian)
- 2012*      Devaykin P., Shikut A.V. Construction of augmented reality for creating a virtual fitting room, BMSTU, Journal “Science and Education” (In Russian)

## Personal Projects

- February 2016*      **Æ–movement.** Visualization of body movements  
<http://petr-devaikin.github.io/movement/>
- March 2015*      **Pazzla.** Service to make a photo mosaic of Instagram pictures  
<http://pazzla.qoollo.com/>
- Aug. 2014*      **Hashtag City Map.** Interactive map of the most popular Instagram hashtags  
<http://hashtag-urbanmap.rhcloud.com>
- Other projects can be found on <http://petr-devaikin.github.io/>

## Other Experience

- Jan. 2013 – Aug. 2014*      Volunteer and district coordinator at City Projects  
<http://city4people.com>

## Extra Information

- Languages*      Russian – native, English – proficient, French – beginner
- Hobbies*      Sports, urbanism, traveling