

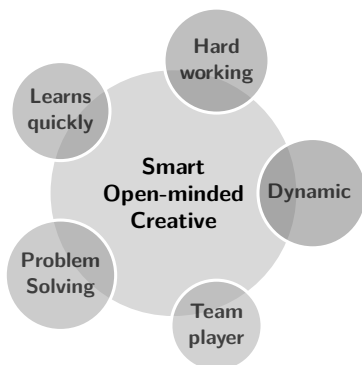
# Vasileios-Athanasios Anagnostopoulos

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## Personal Details

Date of Birth 16 May 1989  
Citizenship Greek, Residence permit: B  
Driving License B(EU)

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- Curious by nature and has well developed **logical, mathematical skills**.
- Professional in using **C++**, **OpenCV**, **Boost** and **CMake**.
- Experience in programming web geo-applications using **Geoserver**, **OpenLayers**, **HTML5/JS** and **open web service standards (OGC WMS, WFS)**.
- Experience in programming **Android** and **Java** applications.
- Solid understanding of **2D and 3D modeling techniques** and **computer vision**.
- Good knowledge at operating geodetic equipment.

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## Experience

### Vocational

Sep. 2017 – **Software Engineer**, AUTOFORM DEVELOPMENT GMBH,  
Current Zurich, Switzerland.

Software Engineer in the AutoForm Development GmbH, where I develop mainly new features for the AutoForm-QuickLinik products using **C++ and Qt**. Specifically:

- I provide input for **architectural changes** that **improve the performance** of the products and help in the maintainability and the quality of the source code.
- I conduct performance analysis of the software using the **Intel Inspector** memory and thread debugger.
- I help in the improvement of the build speed and the modularization of the software by producing packages using the **Conan** Package Manager and **CMake**.

Sep. 2015 – **Research Assistant**, ETH ZURICH,  
Apr. 2017 Zurich, Switzerland.

Research assistant (Wissenschaft assistenz) in the “Location-Aware Mobile Eye Tracking for Tourist Assistance” (LAMETTA) research project, where I **developed an outdoor gaze-based interaction platform** for mobile eye trackers using **C++ and OpenCV**. Furthermore, I was a **teaching assistant** in courses (a) GIS III and b) Mobile GIS and Location-Based Services), where I got experience in the development of **web geo-applications using Geoserver, OpenLayers, HTML5/JS, open web service standards (OGC WMS,WFS)** and **Android applications**. Finally, I **maintained the WordPress installation** of the group site.

Jan. 2014 – **Accountant’s affairs assistant**, D. XATZIKOMNINOS & SIA E.E.,  
Dec. 2014 Athens, Greece.

Support to accountant’s affairs in the technical company “D. Xatzikomninos & SIA E.E.”, by managing the existing database for issuing invoices and helping in the daily operations of the company.

June 2010 **Internship in surveying engineering**, NTUA,  
Nisyros, Greece.

Intership in the island of Nisyros conducted by the National Technical University of Athens (NTUA). Creation of the local trigonometric and elevation network and AutoCAD plans were produced for the traditional village of “Mandraki” .

Aug. 2007 – **Accountant’s affairs assistant**, D. XATZIKOMNINOS & SIA E.E.,  
Jun. 2010 Athens, Greece.

Support to accountant’s affairs in the technical company “D. Xatzikomninos & SIA E.E.”, where I helped in the organization of the accounting department with the **creation of a database in Microsoft Access** for issuing invoices.

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## Education

2013 – 2015 **MSc in “Informatics”**, *University of Piraeus*, Department of Informatics.  
GPA – 9.83/10.00, Thesis grade – 10.00/10.00

2007 – 2013 **Masters Degree in surveying engineering**, *National Technical University of Athens (NTUA)*, School of Rural and Surveying Engineering.  
GPA – 7.85/10.00, Thesis grade – 10.00/10.00, Ranking – 15th

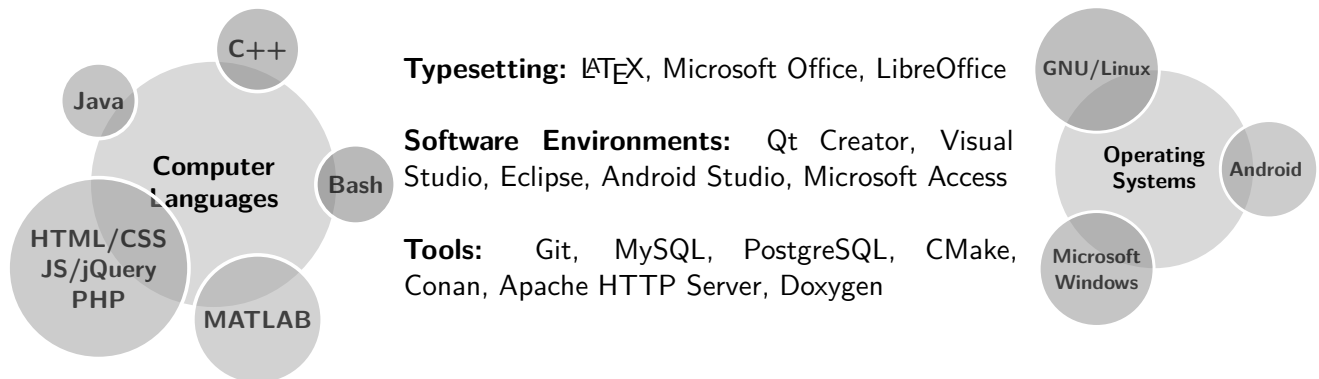
### Seminars/Certification

October 2008 **Autodesk AutoCAD**, ECDL certification in Autodesk AutoCAD 2007.

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## Abilities / Skills

### Computing skills



### Eye Tracking

Experience in using SMI and Pupil labs mobile eye trackers and conducting user studies

### Surveying skills

Equipment Total station, Level, GPS receiver (RTK/Static), Terrestrial Laser Scanner

Software AutoCAD, ArcGIS, QGIS, Leica Cyclone

### Languages

Greek	Native	
English	C2 - Proficient user	University of Cambridge - Proficiency in English
French	C1 - Proficient user	Dalf C1
German	A2 - Basic user	Currently training for B1

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## Awards

- 2015 **Scholarship in MSc in "Informatics"**, *University of Piraeus*, Department of Informatics.  
For my performance in the MSc I was awarded a scholarship

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## Publications

- 2017 V. Anagnostopoulos, M. Havlena, P. Kiefer, I. Giannopoulos, K. Schindler, and M. Raubal, *Gaze-Informed Location Based Services*, *International Journal of Geographical Information Science*, accepted.
- 2016 Peter Kiefer, Ioannis Giannopoulos, Vasileios Athanasios Anagnostopoulos, Johannes Schöning, and Martin Raubal, *Controllability Matters: The User Experience of Adaptive Maps*, *Geoinformatica*, pages 1–23.
- Vasileios Athanasios Anagnostopoulos and Peter Kiefer. *Towards Gaze-based Interaction with Urban Outdoor Spaces*. In *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing: Adjunct*, UbiComp '16, pages 1706–1715, New York, NY, USA, 2016. ACM.
- 2015 M. Tsakiri and V. Anagnostopoulos, *Change Detection in Terrestrial Laser Scanner Data Via Point Cloud Correspondence*, *International Journal of Engineering Innovations and Research*, 4(3):476–486.

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## References

Upon request