

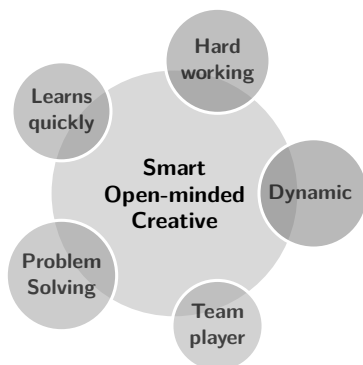
# Vasileios-Athanasios Anagnostopoulos

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## Personal Details

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

✉ anagnwstopoulos@hotmail.com  
🌐 www.anagno.me  
in vanagnos



- 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/maintain the existing source code 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 analyses 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**.
- I participated in the implementation of the new “Guidelines” feature of the AutForm R8 product. I provided input that **improved the UX** and implemented the functionality that automatically checks the correctness of the applied processes in the software.
- I participate in the development of the AutoForm-QuickLinik and AutoForm-QuickLink<sup>forNX</sup> products. I implement new features and I am responsible for the backwards and forwards compatibility of the zipped XML-based file format of the software.

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, 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.

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, 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*

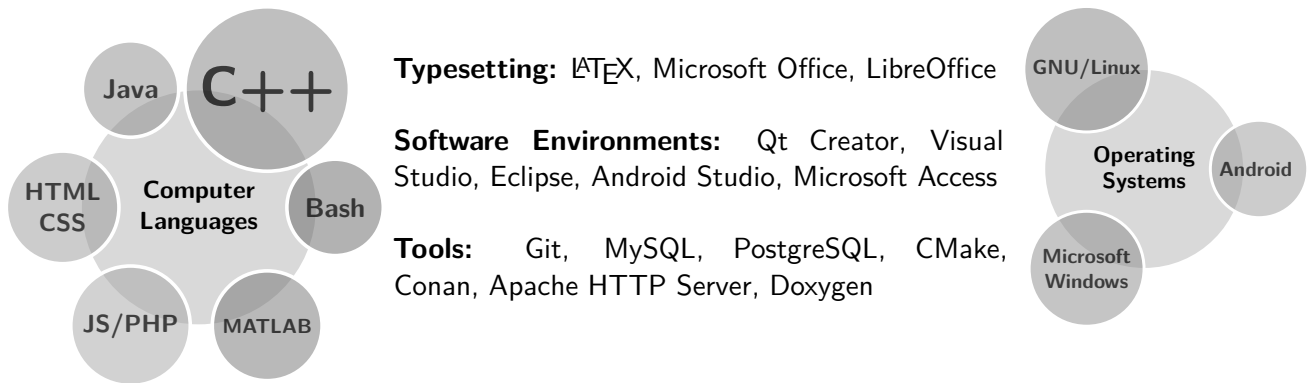
### Seminars/Certification

Oct. 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*.
- 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.
- 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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## Projects

- **recipes.anagno.me** The documentation pages for my personal Docker/Ceph cluster using mainly ARM boards.
- **vcs.anagno.me** My personal Gitlab instance hosted in my cluster.

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## References

Upon request