

Vasileios-Athanasios Anagnostopoulos

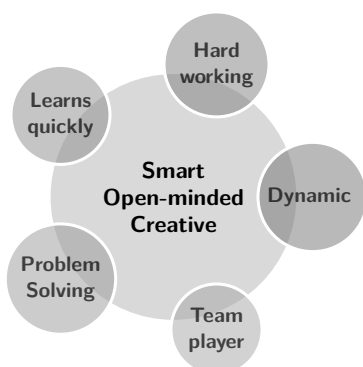
Personal Details

Citizenship Greek, Residence permit: B
Driving License B(EU)

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🌐 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.

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, which improves the UX of the AutForm R8 product, by providing functionality for monitoring the project progress and providing input for the correctness of the applied processes.
- I participate in the development of the AutoForm-QuickLink and AutoForm-QuickLink^{forNX} products. The products are used by the users for the exchange of data between the various AutoForm products and the CAD systems, using a zipped, XML-based file format.

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.

Education

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

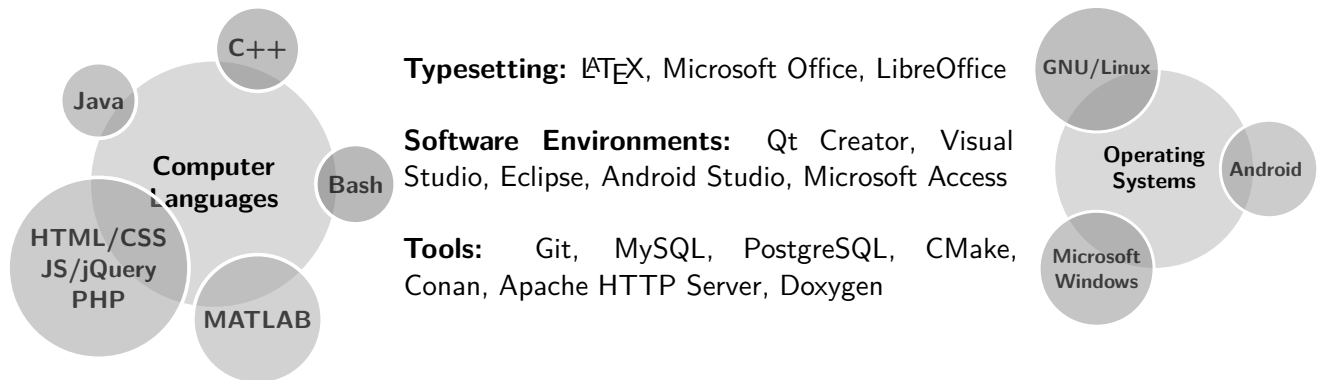
2007 – 2013 **Masters Degree in surveying engineering**, *National Technical University of Athens (NTUA)*, School of Rural and Surveying Engineering.
GPA – 7.85/10.00, Thesis grade – 10.00/10.00, Ranking – 15th

Seminars/Certification

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

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

Awards

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

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.

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.

References

Upon request