

# CV

## Vasilis Merevis



### CONTACT INFORMATION

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### PERSONAL INFORMATION

Date of birth: 11/05/85  
Nationality: Greek  
Military obligations: Fulfilled  
Driving license: B category  
Ability to work as freelance  
Member of TEE since 2011

### CAD/CAE SKILLS

Autodesk Inventor, Fusion 360, Autocad  
ANSYS Design Modeler, Mechanical  
APDL, Workbench  
WxMaxima  
Matlab/Octave

### PROGRAMMING SKILLS

C# .NET, WPF-XAML  
HTML, CSS  
Ladder, Siemens TIA Portal  
Github  
Visual Studio, Atom  
Gcode

### IT/COMPUTER SKILLS

Microsoft Windows, Office  
Libreoffice/Openoffice  
Scribus  
Microsoft 365 Administration  
Exchange Online  
Sharepoint  
Joomla

### WORK EXPERIENCE

#### TAXIARCHOU AEBE – Design Engineer

03/2021 - present  
Creation of technical drawings for new constructions using CAD  
Calculations: rollover stability, weight distribution, tipping forces, dynamics  
Preparation of necessary documents for inspection and type approval  
Coordination of construction and plasma cutting procedures

#### VIMACHEM IKE - Technical Consultant/Head of Engineering Department

06/2018 - 02/2021  
Creation of technical drawings for new machinery using CAD  
Programming of Siemens S7-1200 PLC and configuration of Festo controllers  
Implementation and technical support of serialization platforms like Tracelink  
Software development: Serialization Toolkit and PLC Connector

#### AIRLEX HELLAS TSA– Technical and IT Support

12/2016 - 06/2018  
Supervision of A/C and refrigerator repairs at Shell and AVIN gas stations  
Creation of database for organizing projects and estimating their costs  
IT support, disaster recovery planning, ERP configuration

#### ISAAR NTUA – Researcher

01/2016 – 12/2016  
Implementation of static, implicit and explicit dynamic solvers  
Development of GFEC simulation software VasilisMerevis/GFEC (github.com)  
Code contribution to MSOLVE open source project

#### MARINE TECHNICAL EXPERTS - Assistant Technician

10/2015 – 12/2015  
Repairs on diesel engines and generators of LPG tanker class ships  
Piston and combustion chamber measurements

#### VIOSPIRAL SA - Production Supervisor

12/2011 – 05/2014  
Production planning and scheduling  
Configuration of injection molding and flow pack type machines  
Designing of new hydraulic equipment and mechanical parts  
Cost calculation of produced parts and products  
Quality control, measurements and testing on produced parts

### EDUCATION

#### PHD Candidate - National Technical University of Athens

2016 - Present

#### Master in Computational Mechanics - National Technical University of Athens

2013 – 2015

#### Diploma in Mechanical Engineering and Aeronautics - University of Patras

2003 - 2011

### CERTIFICATIONS

- Technical Consultant Certification - Tracelink Life Sciences
- HTML5 and CSS Fundamentals - W3C, EDX
- A Hands-on Introduction to Engineering Simulations - Cornell University, EDX
- 3D Printing - University of Illinois, Coursera
- Programming with C# - Microsoft, EDX
- Mechanical Behavior of Materials - MIT, EDX
- ISO 9001:2008 Auditor/Lead Auditor Certification - TUV Nord
- Certificate of Proficiency in English, The University of Michigan