

# Pantilei Ianulov

## Computer Programmer, Web developer, Mechanical Engineer

I am a hardworking and ambitious individual with a great passion for IT. I am currently looking for an opportunity to utilize my technical skills in a challenging working environment and become a valuable asset to the organization that I will work for.

### Skills

#### Front-end skills

HTML5, CSS3 (SCSS, Flexbox, CSS Grid),  
JavaScript (React, Redux, ES6)

#### Back-end skills

Python (Django), MySQL

#### Application Software

Git, npm, Jest.

#### Data Structures

Queues, Stacks, Linked Lists, Trees, Binary Search Trees

#### 3D Modeling

SolidWorks, AutoCad

#### Project Management

Microsoft Office (Excel, Word, PowerPoint), Outlook

#### Other Skills

Linux Terminal, OpenFoam, C++, Ansys Fluent, CFD, HVAC

### Work experience

**HVAC Engineer CCS Frigel: HVAC Oil and Gas** Milan, Italy / From September 2018 to July 2019

- Writing algorithms in Python and macros in Excel for preliminary price calculation of HVAC machines.
- Sourcing information from our partners, contacts and the web into a competitive quote for the clients' requests and specifications.
- Extracting data from specification sheets, technical drawings, and diagrams to build a case for a client's need or to satisfy questions and concerns.
- Creating a wide, accessible, and open culture where my teammates and I can intervene to solve any set of problems together.



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🐙 github.com/Pantilei

### Languages

Russian

English

Turkish

Romanian

Italian

German

### Interests

Programming and Web

Swimming

Chess

### Travel

Turkey (Istanbul) 5 years

Italy (Milan) 3 years

Russia (Moscow) 3 months

## *Work experience*

**CFD Engineer** Arçelik Istanbul, Turkey / From January 2016 to July 2016

- Making Computational Fluid Dynamic (CFD) Analysis using Ansys Fluent
- Writing Boundary conditions using C++.
- Graphical visualization of results using TechPlot.

## *Education*

**Master of Science in Mechanical Engineering** Politecnico di Milano Milan, Italy / From September 2016 to March 2019

*Master of Science Thesis:* Entropy generation minimization in concentrated solar panels.

Prepared using OpenFoam, C++, Python.

**Bachelor of Science in Mechanical Engineering** Istanbul Technical University Istanbul(Turkey) / From September 2013 to September 2016

*Awards: Best Student*

*Bachelor of Science Thesis:* Experimental and Numerical investigation of Lubrication System in a Hermetic Reciprocating Compressor.

Prepared using AnsysFluent, TechPlot, C++