

## PERSONAL INFORMATION



## Marios Sofokleous

 14 Georgiou Christoforou, 8046 Pafos (Cyprus)

 (+357) 99 111 844

 marios.sofokleous@yandex.com

 <https://pictureelement.github.io/portfolio-2/>

 Skype sofokleousmarioscy

Sex Male | Date of birth 17/12/1990 | Nationality Cypriot

## PREFERRED JOB

## Front-End Developer

## EDUCATION AND TRAINING

10/09/2011–08/06/2016

## Bachelor Degree in Computer Engineering

EQF level 6

University of Cyprus, Nicosia (Cyprus)

**Thesis:** "Object-oriented Programming and Parallelism for Scientific Applications in C++".

**Main courses:** Intro to Programming, Programming Principles for Engineers, Data Structures & Algorithms, Introduction to Software Engineering, Distributed Systems, Iterative Methods, Engineering of Operating Systems, Computer Networks, Computer Organization, Computer Architecture I, Computer Architecture II, Digital Logic Design, Digital Integrated Circuits, Computer-Aided Design for VLSI, Signals & Systems, Introduction to Random Signals & Systems, Fault-Tolerant Systems, Mathematics, Physics & Electrical Engineering Fundamentals, Fiber Optic Communication Systems & Networks, Introduction to Robotics.

**Occupational skills gained:** communication, teamwork, critical thinking, planning, organizing, problem solving.

## PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

## Communication skills

- I am a good listener and I pay close attention to what the other person is saying. I usually ask clarifying questions since I hate ambiguity.
- Good communication skills gained through my experience with class presentations and various online activities.
- I embrace feedback because I'm very passionate about personal growth.

## Organisational / managerial skills

- Ability to work as part of a team gained through my experience with group projects.
- Leadership experience gained as army sergeant and instructor of new army recruits.
- Well organized individual (tidy workplace, note taking, file & folder organization, documentation).
- Able to organize workload effectively and prioritize tasks.

- Attention to detail. I cannot overlook the details and I love consistency in writing, design, and programming. I take things such as grammar, style conventions, formatting, indentation, spacing, coloring, and word choice very seriously.

## Job-related skills

Most of the skills listed below were acquired online, through massive open online courses, videos, and knowledge resources.

### ■ Web development:

*Multimedia tools:* Adobe Photoshop, Adobe Illustrator, Adobe Lightroom, Adobe Premiere Pro, GraphicsMagick.

*Responsive web design:* common responsive patterns, media queries, Flexbox, responsive images.

*Web authoring & debugging:* Chrome Dev Tools.

*Web performance & optimization:* Lighthouse, PageSpeed Insights.

*CSS:* Bootstrap, W3C CSS validation service.

*HTML:* semantic HTML, W3C markup validation service.

*JavaScript:* GruntJS, JSON, D3.js, jQuery.

*jQuery:* DOM manipulation, Event listeners.

*Misc. frameworks:* Electron, Foundation for Emails 2.

*Hosting:* cPanel, Bluehost.

*Essential:* Git, GitHub, Linux, Sublime Text 3.

*CMS:* WordPress.

### ■ Programming:

*C/C++:* Eclipse, Code::Blocks, Geany, Valgrind, PAPI, OpenMP, MPICH, Blitz++, Eigen.

*JavaScript*

*R*

*Bash*

*MIPS assembly*

*Algorithms*

*Object-oriented design*

### ■ Computer security fundamentals:

*Anonymity:* VPN, Tor, ProxyChains.

*Footprinting:* Nmap, NSE.

*Wireless networks attacks:* Aircrack-ng suite, Reaver.

*MitM attacks:* Burp suite, Squid caching proxy, Evil twin & Rogue AP.

*Vulnerability exploitation:* NSE, Metasploit.

*Penetration testing:* Kali Linux, Metasploitable.

*DNS spoofing:* Social Engineer Toolkit, DNSChef DNS proxy.

*Offline/Online password attacks:* John the Ripper, THC-Hydra.

*Signal jamming & DoS attacks:* Aircrack-ng suite, SYN flooding, slow HTTP attack (Slowloris).

*Keyloggers*

*Reverse shells:* Metasploit, Netcat, NSE.

## Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

**Other skills:** Word processor, Spreadsheet, Presentation software, Gnuplot, GNU Octave, Magic VLSI, Google drive

#### Other skills

- **Surface swimming:** I am a regular swimmer using mask and bi-fins. I've always been fascinated with the underwater life and natural setting.
- **Cycling:** I enjoy cycling because it boosts my physical and mental health. Also, it's an excuse to get out of the house.
- **Arts & crafts:** I am a creative person and I enjoy paper folding (origami) and pencil drawing. I find these activities to be pleasant and relaxing.
- **FPV drone racing:** I've built several custom racing drones which I use mainly for fun. I am a member of the Cyprus Drone Racing Association (CYDRA).
- **Video games:** I am an avid gamer and I have a YouTube channel dedicated to video games. Over the years, I've built several gaming computers.
- **Computer repair** work and **general repair** skills (self-taught).
- **Photography:** I am interested mainly in nature and macro photography. Feel free to explore my gallery on Instagram.

#### Driving licence

B

### ADDITIONAL INFORMATION

#### Projects

- **to-do-list:** A simple to-do list app written in HTML, CSS, and JavaScript. Hosted on GitHub Pages (<https://github.com/PictureElement/to-do-list>).
- **minimal-calculator:** A minimal calculator app written in HTML, CSS, and JavaScript. Hosted on GitHub Pages (<https://github.com/PictureElement/minimal-calculator>).
- **ga-phras-evolution:** This program starts from a random set of phrases and through simulated evolution, a target phrase can be produced rapidly. The program is for educational purposes only and its main purpose is to demonstrate how genetic algorithms work. Hosted on GitHub Pages (<https://github.com/PictureElement/ga-phras-evolution>).
- **resume-template:** Responsive resume template. Hosted on GitHub Pages (<https://github.com/PictureElement/resume-template>).
- **business-1:** Responsive business site. Built from scratch and hosted on GitHub Pages (<https://github.com/PictureElement/business-1>).
- **responsive-patterns:** Common responsive patterns. Hosted on GitHub Pages (<https://github.com/PictureElement/responsive-patterns>).
- **portfolio-2:** Responsive portfolio site. Built from scratch using a responsive 12-column Flexbox grid system and hosted on GitHub Pages (<https://github.com/PictureElement/portfolio-2>).
- **flexbox-grid:** Responsive 12-column grid system using Flexbox. Hosted on GitHub Pages (<https://github.com/PictureElement/flexbox-grid>).
- **basic-portfolio-2:** Basic portfolio page using HTML and CSS. Hosted on GitHub Pages (<https://github.com/PictureElement/basic-portfolio-2>).
- **basic-portfolio-1:** Basic portfolio page using HTML and CSS. Hosted on GitHub Pages (<https://github.com/PictureElement/basic-portfolio-1>).
- **website-template-2:** A one-page website template built with Bootstrap 4. Hosted on GitHub Pages (<https://github.com/PictureElement/website-template-2>).
- **website-template-1:** A one-page website template built with Bootstrap 3. Hosted on GitHub Pages (<https://github.com/PictureElement/website-template-1>).
- **portfolio-1:** Responsive portfolio site. Built from scratch and hosted on GitHub Pages (<https://github.com/PictureElement/portfolio-1>).
- **ldiw-pso:** Linear decreasing inertia weight particle swarm optimization algorithm (<https://github.com/PictureElement/ldiw-pso>).
- **approximate-cvt:** Calculation of the generator points for the approximate centroidal Voronoi tessellation (<https://github.com/PictureElement/approximate-cvt>).

- **html5tech:** An ever-growing website with fundamental resources about HTML5 and friends. Built from scratch and hosted on GitHub Pages (<https://github.com/PictureElement/html5tech>).
- **basic-keylogger:** A basic Windows keylogger in C++ for US standard keyboards (<https://github.com/PictureElement/basic-keylogger>).
- **aerialworxs.com:** A WordPress site for a startup company. A child theme for WordPress *Twenty Seventeen Theme* was built in order to accommodate modifications (<http://www.aerialworxs.com/>).