Marios Sofokleous
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SUMMARY

Graduated in 2016, I have acquired technical knowledge and skills from my course and I am familiar with a variety of programming languages, programming paradigms, algorithms, software systems, hardware systems, as well as various development tools. For the past 14 months, I've been learning web development using a variety of online resources and mediums. I can communicate well with clients, co-workers, and supervisors alike. I am keen to further develop my skills in web development.

FORMAL EDUCATION

University of Cyprus (2011-2016)
Bachelor Degree in Computer Engineering.
Courses include 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, and Introduction to Robotics.
Thesis: "Object-Oriented Programming & Parallelism for Scientific Applications in C++."

IT SKILLS

- HTML5: HTML5 Semantics, HTML5 Canvas
- CSS: Bootstrap
- JavaScript: jQuery, GruntJS
- Toolkits: Font Awesome, Octicons, Google Fonts
- Misc. frameworks: Electron, Foundation for Emails 2
- Programming Languages: C, C++, JavaScript, R, Bash
- Operating systems: Windows, Linux
- Essential: Git, GitHub, Sublime Text 3, Atom
- CMS: WordPress

ONLINE COURSES

- Introduction to Linux, edX
- The Complete Ethical Hacking Course: Beginner to Advanced, Udemy
- Learning How to Learn: Powerful mental tools to help you master tough subjects (with Honors), Coursera
- Front-end Foundations, Code School
- Front-end Formations, Code School
- CSS Cross-Country, Code School
- Journey Into Mobile, Code School
- JavaScript Road Trip Part 1, Code School
- JavaScript Road Trip Part 2, Code School
- JavaScript Road Trip Part 3, Code School
- How to Use Git and GitHub, Udacity
- Front-End Web Developer Nanodegree, Udacity

PROJECTS

- memepearl: A simple and easy to use meme generator, with advanced features such as photo effects and filters. Upload your image to generate funny memes instantly.
- html5tech: An ever-growing website with fundamental resources about HTML5 and friends. Built from scratch and hosted on GitHub Pages.
- minimal-calculator: A minimal calculator app written in HTML, CSS, and JavaScript. Hosted on GitHub Pages.
- aerialworxs.com: A WordPress site for a startup company. A child theme for WordPress Twenty Seventeen Theme was built in order to accommodate modifications.
- resume-template: Responsive resume template. Hosted on GitHub Pages.
- ga-phrase-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.
- business-1: Responsive business site. Built from scratch and hosted on GitHub Pages.
- portfolio-2: Responsive portfolio site. Built from scratch using a responsive 12-column Flexbox grid system and hosted on GitHub Pages.
- to-do-list: A simple to-do list app written in HTML, CSS, and JavaScript. Hosted on GitHub Pages.
- website-template-2: A one-page website template built with Bootstrap 4. Hosted on GitHub Pages.
- website-template-1: A one-page website template built with Bootstrap 3. Hosted on GitHub Pages.
- ldiw-pso: A linear decreasing inertia weight particle swarm optimization algorithm in C++.
- approximate-cvt: calculation of the generator points for the approximate centroidal Voronoi tessellation in C++.
- basic-keylogger: A basic Windows keylogger in C++ for US standard keyboards.

EMPLOYMENT

1. Co-Founder & UAV Operator: AerialWorxs (2017-Present)
- Aerial Videography & Photography
- Video production
- Customer interaction
- Branding
- Website development
- Email campaigns
- Social media marketing

2. Barman/Waiter: Tramps Sports Bar & Restaurant, Pafos (2016-2017)
- Serving customers
- Keeping bar area tidy and well-stocked
- Maintaining health and safety and food hygiene standards

SPORTS & INTERESTS

- 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).
- 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.
- 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.