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Passionate coder and avid Linux user. B.Sc. Math & Computer Science, Technion IIT. Interests revolve around cloud-based backend services, and image and audio processing.

Seeking software or backend development positions.

### **EXPERIENCE**

#### **EMPLOYMENT**

- · Cloud Software Engineer | NICE Actimize | July 2019 Present
  - I build Java (using Maven) & Python backend microservices for a financial crime prevention SaaS platform on top of AWS. The microservices are deployed via custom-written Jenkins pipelines, Docker containers and Terraform (+Terragrunt) modules.
- · Software QA Engineer (Student Position) | Wix.com | 2017
- Technical Support Specialist (Student Position) | Wix.com | 2016-2017
- · Software QA Engineer (Student Position) | GE Healthcare | 2015-2016

#### PERSONAL PROJECTS

- Kyoob a Unity and C# powered Android game, live on the Google Play Store at <a href="https://goo.gl/FBepJ8">https://goo.gl/FBepJ8</a> (GitHub repository).
- · Cybogram A Python- and Selenium-based Instagram bot (GitHub repository).
- Efficient Restoration by Compression (School Project) a C++11, MATLAB and OpenCV powered project presenting a modular and efficient C++ implementation of a novel, state-of-the-art signal compression approach that uses standard, off-the-shelf signal compression methods.
- 3DEngine a C++14 3D graphics engine on Linux, implemented using only primitive prebuilt libgraph pixel drawing functions, testing via integrated Googletest suit (<u>GitHub repository</u>).

## **CODING**

#### **LANGUAGES**

- · Proficient in C++, Java, Python, bash, C, MATLAB
- Familiar with C#, JavaScript, HTML5 and CSS

# **TECHNOLOGIES**

- · Git & GitHub | GitHub: https://github.com/daisp
- · AWS (EC2, S3, API Gateway, Lambda, IAM, VPC, and Route 53 among others)
- · Jenkins, Terraform (for AWS), Docker
- Maven
- · Makefile, CMake, Vim
- OpenCV (C++ and Python SDKs)
- · Googletest
- Selenium (Python SDK)
- · UML, OPM diagrams
- · Anaconda, Jupyter, PyTorch, NumPy, Pandas, Matplotlib, SciPy, scikit-image, and others.
- JUCE (C++ audio plugin development framework)
- · Unity