DANNY PRIYMAK

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Passionate coder and avid Linux user. B.Sc. Math & Computer Science, Technion IIT.
Interests revolve around cloud services and image and audio processing.
Seeking software or backend development positions.

EXPERIENCE

EMPLOYMENT

- **Cloud Software Engineer** | NICE Actimize | July 2019
  - Building Java & Python backend microservices on top of AWS, deployed via Jenkins pipelines and Terraform 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

PROJECTS

- **Kyoob (Personal Project)** – a Unity and C# powered Android game, live on the Google Play Store at https://goo.gl/FBepJ8 (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 (Personal Project)** – a C++14 3D graphics engine on Linux, implemented using only primitive prebuilt libgraph pixel drawing functions, testing via integrated Googletest suit (GitHub repository).
- **wav2img (Personal Project)** – creating images out of audio files using Python (GitHub repository).

NOTABLE COURSES

- **Introduction to Artificial Intelligence 236501, Deep Learning on Computational Accelerators 236605 –** implementing a broad range of deep neural network architectures utilizing various layer types using PyTorch and Jupyter, with CUDA-accelerated training and testing cycles on remote HPC servers.
- **Signal and Image Processing by Computer 236327, Digital Image Processing 236860**

CODING

LANGUAGES

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

TECHNOLOGIES & LIBRARIES

- Git & GitHub | GitHub: https://github.com/daisp
- AWS (EC2, S3, API Gateway, Lambda, IAM, VPC, Route 53, Elasticsearch Service, Cognito, and 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