

Stergios Hetelekides

28420 Christopher Ln, Los Altos Hills, CA 94022 | (585) 737 - 9962 | hetelek@gmail.com

Work Experience

TESLA INC. (9/18 – CURRENT)

- Converted to full time after my internship (see below) to continue my work on service and vehicle production. Main focus is decreasing productions costs while also increasing vehicle quality and quantity.

TESLA INC. (1/18 – 8/18)

- Worked as an intern on critical vehicle firmware used heavily in service and vehicle production. Work was mainly in Python, but spanned many other languages and technologies.

DATTO INC. (8/17 – 12/17)

- Built a PHP API that managed a large part of Datto's cloud. Provided the backend for allowing our customers to restore their data and machines.

INTUIT INC. (1/17 – 7/17)

- Worked on nearly all aspects of the TurboTax iOS application. Worked mainly in Swift and Objective-C.

Open Source Projects

VELOCITY

- Cross-platform application which supports viewing and modifying nearly every Xbox 360 file format.

MINER

- Bitcoin miner which runs on the iPhone Operating System.

NOLIMIT

- Website which allows for unlimited time while viewing Snapchat pictures. More available at <https://github.com/hetelek/>.

Products

SLICES (OPEN SOURCE)

- iPhone Operating System tweak which allows multiple profiles for all applications. Sold on Cydia marketplace.

TIMEPASSCODE PRO (PARTIALLY OPEN SOURCE)

- iPhone Operating System tweak which makes the device's passcode the current time. Sold on Cydia marketplace.

INSTACHOOSER

- iPhone Operating System tweak which allows Instagram users to upload photos from their camera roll (before it was natively supported). Sold on Cydia marketplace.

Machine Learning Projects

NEURAL NETWORK PLAYGROUND (OPEN SOURCE)

- Built a neural network class from scratch in Swift. Trained on MNIST dataset and achieved 91% accuracy.

GUESS MY DRAWING (OPEN SOURCE)

- Custom built CNN model which classifies drawings into 1 of 345 categories. CNN runs natively on iOS 11 devices, and works consistently well.

IOS VISION APP (OPEN SOURCE)

- iPhone application which uses Resnet-50 and Inceptionv3 networks to classify images in real-time from a device's camera.

CIFAR CUSTOM CNN (OPEN SOURCE)

- Custom built CNN model which classifies images from the CIFAR-10 dataset.

More available at <https://github.com/hetelek/>.

Services

PLUS 5 FITNESS

- Developed an iPhone application which allowed users to purchase and download digital content. Available on the App Store.

CONTENT UPLOADER

- Developed a desktop application which allowed a news company in Suriname to convert movie files to specific formats and upload large content to servers.

Hackathons

- **OpenAI hackathon** – San Francisco, CA
- **Apple iOS hackathon** – Rochester, NY

Skills & Abilities

LANGUAGES

- Python, JavaScript, Swift, Objective-C, PHP, C++, C#, Java

TECHNOLOGIES

- Front end web – React, Redux, HTML/CSS
- Backend web – Django, NodeJS, Amazon Web Services, SQL
- Deep learning – Keras, TensorFlow, Pandas, Numpy