NADAV GOVER

Electrical Engineer Student, Software Developer

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EXPERIENCE

Backend Software Developer

AppsFlyer

Jan 2020 - Present Herzliya, Israel

- Writing in Clojure (a JVM language)
- Part of the whole developing process, from design to deploy
- Working with state of the art tools like AWS for running a Docker container; Grafana and Kibana for monitoring; and Apache Kafka for real-time data streaming
- Working closely with product and QA teams - collaboration between teammates is key

Chip Design, Student Position

Intel

May 2018 - Jan 2019 Haifa, Israel

- Part of the new USB chip team
- Design with Verilog
- High demanding environment with fast work paste

Software Developer, Student Position

Suron LTD

July 2017 - Jan 2018 Ma'agan Michael, Israel

- Chief Scientist project developer
- Integrating with the API of SolidWorks, C# self-taught
- Finding performance solutions

MILITARY SERVICE

Air Force and Artillery Forces

IDF

Jan 2012 - Jan 2015

- Served a year and a half in the air force pilot course as a fighter pilot
- Served a year and a half in the artillery forces as a commander
- Leading soldiers through the Gaza war "Tsuk Eitan"

TECHNICAL SKILLS

- Python, Clojure, C, C#, Assembly x86, Matlab
- HTML, CSS, JS, Arduino, AutoCad, SolidWorks
- Docker, Graphite, Grafana, Kibana, Apache Kafka, Git

HOBBIES

- Hiking, Diving (I'm a dive master), Tennis (Federer fan)
- Playing the Piano, Ukulele
- Chess, my goal is to become a Grandmaster

EDUCATION

Electrical Engineer

Tel Aviv University

Oct 2016 – Present

- Graduating senior year, GPA 80
- Specializing in computers (HW & SW) and feedback and control systems

Special Courses

Masters Degree Courses

- Statistical Machine Learning
- Deep Learning
- Information Security

SELECTED PROJECTS

Information Security

Buffer Overflow (BOF)

- Cracking a custom linux's sudo program
- Using GDB to explore the stack structure, injecting assembly shellcode

Cryptography

- Cracking stream ciphers and textbook RSA
- Decrypt a xor ciphertext and exploiting the vulnerabilities that are built in RSA using Python

Machine Learning

Iris Classifier

- Using SVM to classify 3 types of Iris flower
- Self implementation in python, supervised learning

Gaussian Mixture Clustering

- Clustering using k-means and EM algorithms
- Self implementation in python, unsupervised learning

Algorithms and Data Structures

Seat Map

- Assigning tables for guests (e.g in a wedding), similar to bin packing problem
- Python implementation, using dynamic programming

Split It

- Split expenses equally between friends
- Python implementation, using Ford-Fulkerson algorithm for max flow in a graph