Orly Kierszenbaum
Contact: +972-54-8489226 | orlykierszenbaum@gmail.com | LinkedIn | Github

Combining my intense interest for Computer programming, Mathematics and Human Biology, I find great satisfaction in problem solving through programming both individually and working in the dynamics of a team. Looking for an exciting junior software developer position.

_____

Education
2018 | ExcellenTeam Programming Bootcamp - Elevation Academy/Start-Up Nation Central, Jerusalem
- An intensive bootcamp, covering industry-level skills and hands-on practice: C++, Python, SW design, memory management, concurrent programming, Relational DB, MongoDB, requests and REST, NumPy/Pandas, GIT. Implementing low-level mechanism models, such as: virtual table, memory allocator, task scheduler.
- DNA Analyzer project - Manipulation and management of large DNA sequences. Using a high level of design, and C++ programming.

2015 - 2018 | B.Sc. of Bioinformatics, Jerusalem College of Technology, Jerusalem
- GPA: 87
- Participated in an external project in collaboration with the Hebrew University, then continued working as part of the team.

Technical Skills
Programming languages: C/C++, Python, MATLAB, Java, Bash, C#, R.
Operating systems: Linux.
Frameworks: Android studio.
Server Side and DataBase: MongoDB, SQL.
Tools: Git, working in collaboration in Github

Awards - Hackathons
Final Hackathon ExcellenTeam, 1ST Place
- Environmental Disturbances Detection - A system for detecting environmental disturbances for A.S.D children, detection of crowded spaces, blinding lights, etc. and presenting coping methods on screen.

Professional Experience
2018 Mar-Jun | JCT Lab - Statistical Analyst
- MATLAB implementations of numerical methods and statistics. Chosen for a lab's project.

2016 - 2017 | The Hebrew University of Jerusalem, Faculty of Medicine. Mining and analyzing NGS data.
- Bioinformatics research assistance to Prof. Itamar Simon
- Developed and implemented a program to analyze the connection between CNVs and Cancer

2016 - 2017 | Dept. of Mathematics of the Jerusalem College of Technology (JCT),
- Teaching Assistant for students entering the preparatory program – 5 units math.
- Mentor for courses: Introduction to Computer Science, Calculus, Statistics, Chemistry.

Languages
Hebrew, English, French – Fluent

Volunteer
Volunteer at Chai Lifeline - children battling cancer, for over 6 years. Including summer camps in the USA.