

MATANEL FOUNDATION

ACTIVITY REPORT

Program: *Avratech Jerusalem*

Year: *2016-2017*

Please present your activity report according to the following lines. The whole rapport will not exceed 2 or 3 pages (as word document).

Name of the Program: Avratech Jerusalem

Year of activity: 2016-2017

Name of the report's writer: Galia Elieli

Function of the report's writer: CFO

Mail: gelieli@gmail.com

Phones: +972543450158

Website / Facebook address of the organization: Avratech.org.il

Number of active participants in the program: 56

Estimated number of impacted participants: more than 300

Give the actually state of the program (where the program stands at the date of the activity report, no more than ten lines):

By June 2017 - 22 out of 30 students successfully graduated the first Jerusalem program and started working as interns at Ravtech software house.

By June 2017 – 34 new students started the second Avratech program in Jerusalem, few more are supposed to join after the first semester of basic training (a small number of Haredi students that don't need the basics. We hope to reach 25 graduates in that group.

In total, we will have this year around 60 participants (students and interns)

The total cost of the program was 2660K NIS.

The Budget for second program is 2382K NIS.

Our partners: JDA, Ministry of economy, Kemah, San Francisco Federation, and more. See Budget report of Philanthropic Investor Data. attached.

The main achievements during the last year of activity (main achievements, number of events, number of participants, etc.):

1. Opening ceremony with the mayor of Jerusalem, Mr. Nir Barkat, and around 80 more of our partners and supporters.
2. The BBC radio came to interview our students and covered their English pitch exam. It took those students only 3 months to overlap the gap from zero knowledge in English to the level of a short lecture in front of an audience.

The BBC coverage went on-line <http://avratach.org.il/meet-men-study-torah-morning-learn-code-afternoon/>

3. We hosted several high tech senior professionals who came to give lectures to the student. Examples: Yoni Greifman Uber Israel CEO, Shlomo Kalish Jerusalem global venture, Shimon Weiss ex-CEO of Jerusalem College of Technology (Mchon Lev), Omri Sargon a leading Cyber consultant,
4. The students experienced full-cycle software development process, planning and executing 2 projects, using Python, JAVA, frameworks, tools and methodologies acquired in the courses. The projects were presented and evaluated by the CEO and CTO of Ravtech.
5. The list of courses:
 - Introduction to computing using Python
 - Algorithmic Thinking
 - Data structure and algorithm
 - Java fundamentals
 - Object Oriented Programming in Java
 - Python programming
 - Front-End Web UI Frameworks and Tools
 - Databases – SQL, NoSQL
 - Test automation, UI, servers, load, security
 - Version control in Git and GitHub
 - Application development projects
 - Automation development projects
6. Graduation ceremony, when every student had a chance to share his experiences and achievements with our partners and supporters.

The evaluation (methodology, results, comparisons with the precedent year, conclusions for the future...):

1. In English, we accelerated and increased the number of hours dedicated to English from 90 hours to 140 this year. That made a huge progress, and yet the new program started with a plan of 200 hours of English.
2. We made a new collaboration with "Beliba Homa" (A Wall in its Midst) NGO founded in 2012 with a mission to assist young Haredi students to successfully integrate into Israel's higher education system. Simultaneously, creating a social change in the relations between the various cultural sectors in Israel. The collaboration framework is pairing qualified secular students with struggling Haredi colleagues to provide personal and customized academic support and tutoring. Haredi students provide their secular counterparts with mutually respectful study of classical Jewish texts from Torah, Talmud, philosophy and law while engaging in meaningful discussion and analysis. Participants in the paired study program are provided with communal educational and dialogue events such as tours of Haredi neighborhoods and yeshivas, and introductions to Haredi music, culture and Jewish holiday observance.
3. Volunteers experienced developers from high-tech companies come and give practical training.

Provisional guidelines for the advancement of the program in the next year:

1. We found that the dropout rate is still 27%, even though we selected the best scholars. What we learned is that it is not enough to select the best but we have to seek for high motivation and strong will for very hard work and very little time with the children and family during week days (this is a crucial change for this population and it should be well explained in order to meet expectations).
2. We will also invest more HR in the surrounding of the studies and be more involved with the challenges of the students in their new way of life. We will make more events that includes the families and try to recruit their support. We believe it is a major key to success in the program.

Attachments:

1. Financial Report
2. List of the participants
3. Investor summary report 2016-2017 J1
4. Photos
5. Next year budget ppt.