

ARDA MARK SOZER

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EDUCATION

University of California, Berkeley

05/2020

Bachelor of Arts in Computer Science & Bachelor of Arts in Economics— Cum. GPA: 3.2

University of California, Berkeley

Expected Graduation 05/2021

Master of Information and Data Science— GPA: TBD

EXPERIENCES

Project Pi at Armenian Middle & High Schools | Istanbul, Turkey

2014-present

Creator of Program to Increase Digital and Technological Literacy

Locations: Esayan, Sahakyan, Karagozyan, and Getronagan Schools and Kalfayan Orphanage

- Leading 8-week summer (1 class per week) and 3-week winter (2 classes per week) coding courses for underrepresented students
- Fundraising to donate Raspberry Pi computers and necessary hardware (monitor, keyboard, mouse, etc.)
- Setting up a computer lab at the Kalfayan orphanage, and renovating labs at middle and high schools
- Planning and coordinating lesson plans with instructors at UC Berkeley to improve class contents

Agile Application Developer | Berkeley, CA

8/2019-1/2020

Tarjimly—Y Combinator Backed (W18) Nonprofit that Offers Real-Time Translation Services for Humanitarian Assistance

- Created on-demand document translations service for Tarjimly using Ruby on Rails
- Practiced behavior-driven development with SMART user stories using Cucumber and Capybara
- Followed Agile practices including tracking backlog, assigning user stories, and holding retrospectives

Computer Science Mentors at UC Berkeley | Berkeley, CA

8/2018-3/2019

Junior Mentor for Data Structures CS Course (CS61B)

- Led classes of 4-5 students once a week on course material for extra support to students
- Presented mini lectures and covering that week's assigned worksheet questions
- Conceptualized implementations, runtimes and tradeoffs of different data structures

Course Lab Assistant at UC Berkeley | Berkeley, CA

8-12/2018

Data Structures (CS61B) Course

- Debugged student programs for course projects and lab assignments
- Encouraged critical thinking about the implementations of data structures such as trees, graphs, heaps
- Analyzed and explaining asymptotic runtime of operations on data structures

Course Lab Assistant at UC Berkeley | Berkeley, CA

1-6/2017

Structure of Computer Programs (CS61A) Course

- Mentored ~20 students new to programming using Python programming language
- Guided students one-on-one with weekly programming challenges
- Helped debug students' code and taught concepts ranging from recursion to higher-order functions

SKILLS

Languages: English (native), Armenian (native), Turkish (native), French (advanced)

Technical Skills: Agile team development, Object-oriented design, Data Structures and Algorithms