

MAHDI SHADKAM-FARROKHI

shaddyjr@gmail.com

Experience

Curriculum Director

All Star Code, New York, NY

Jan 2017-current

- Curated and created mobile web development curriculum used by 190 students and staff
- Hired and supervised a group of 7 curriculum development aides
- Led curriculum test groups to assess content effectiveness
- Vetted and trained 24 seasonal instructional staff
- Managed 8 cohorts across 2 cities, each cohort having 20 students and 4 staff members
- Participated in weekly leadership meetings with CEO and COO
- Served as liaison between students, parents, and other organizations with All Star Code
- Contributed to forming the logic model and evaluation metrics
- Created and administered student and staff evaluation instruments
- Reported weekly on program progress and staff feedback

Curriculum Manager

All Star Code, New York, NY

June 2016-Jan 2017

- Revised All Star Code's previous computer science curriculum
- Managed 4 cohorts each having 20 students and 6 staff
- Trained instructional staff for professional development in computer science pedagogy
- Led multiple technical workshops
- Administered and analyzed evaluation data

Teacher

ScholarStem, New York, NY

Aug 2015-Dec 2016

- Instructed groups of 10 students in coding with Scratch and Python
- Developed teaching curriculum and its pedagogical model
- Collaborated in creating student-centered projects spanning multiple disciplines

Skills

JavaScript (ES5 & 6)

Git

Bootstrap

HTML

Various APIs

Sqlite3

Data Mining and Analysis

CSS

jQuery

Processing

Ruby

Node.js

p5.js

Natural Language Processing

Python

React.js

Predictive Modeling

R

Jasmine.js

Bioinf. tools and DBs

Education

Flatiron, New York, NY

Sept 2016-current

Full Stack Web Development

Johns Hopkins University, Baltimore, MD

Apr 2015-Aug 2016

Data Science Specialization

New York University, New York, NY

Sept 2012-May 2014

Masters of Science, Biology (Bioinformatics focus)