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Bahar Sheikhi

Available: July-December 2017

Education

Northeastern University, Boston MA

GPA: 3.69/4

Candidate for Bachelor of Science in Computer Science

Relevant Coursework: Algorithms and Data Structures, Object-Oriented Design,
Systems, Logic and Computation, Discrete Structures

Wellesley High School, Wellesley MA

GPA: 4.3/5

Skills

Technical: Java, Swift, Python, C, SQL, Swing, HTML, CSS, Linux, Racket, MIPS, IntelliJ, Eclipse, Git,
Inductive Data Analysis; Languages: French, Farsi

Projects

Habit Tree

October 2016

- Designed a database schema and created a database
- Queried health data using SQL
- Used Python and the Flask framework to develop the backend of a healthy-habit website for students

MyCampus

November 2016

- Utilized the model-view-view controller pattern to develop the front-end of an events app for students
- Created usability requirements via hierarchical task analysis, personas, and scenarios

Music Editor

May-June 2016

- Utilized the model-view-controller pattern to design and develop a music player in Java
- Developed the front-end GUI using Swing

Whist Card Game

May 2016

- Designed and developed the card game using the model-view-controller pattern in Java

Maze World

April 2016

- Developed a minimum spanning tree algorithm to produce random mazes
- Implemented breadth first and depth first search to solve the random maze

Race: the Power of an Illusion

Feb-May 2015

- Designed a qualitative research project into students' understanding of race
- Analyzed the data using grounded theory
- Wrote research paper and presented findings

Experience

Research Assistant, Northeastern University Health Informatics Lab

March 2016 - Present

Analyzed ethnography data using inductive analysis; designed a user-interface by creating personas

Core Member, Hackbeanpot

April 2016 - Present

Reaches out to schools to increase diversity of hackers; organizes give-aways at the event, takes notes for meetings and sends reminder emails

Awards and Honors

Panelist for undergraduate research night; panelist for preview day for prospective students; Dean's List
Fall 2015, Fall 2016; Honor Roll 2012, 2013, 2014, 2015; Creative Writing Award 2015; Respect for
Human Differences Award 2015