# Erphun Ranjbar

emranjbar@uh.edu

3915 Saint Michaels Court • Sugar Land, Texas, 77479 • (832) 746-9846

## EDUCATION

**The University of Houston – Main Campus**                     **Expected Graduation:** May 2017

Bachelor of Science in Computer Science                     **Cumulative GPA**: 3.628,   **CS GPA:** 3.604

## TECHNICAL SKILLS

- **Proficient**: C#, Java, git, svn, Agile Methodologies, Test Driven Development
- **Comfortable or familiar**: C++, Python, JavaScript (+jQuery), HTML5/CSS3 (+Bootstrap), Selenium
- **Used previously**: Swift 2, Scala, React.js, D3.js, ASP.Net MVC, SQL

## RELEVANT WORK EXPERIENCE

**University of Houston –** Undergraduate Research; Houston, Texas                     **August 2016 – Present**

- Researched on video management and processing tools to develop a real-time UI that facilitates querying of camera failures
- Presented information weekly to a team of six undergraduates

**Baha'i World Center –** Software Developer Intern; Haifa, Israel                     **June 2016 – August 2016**

- Built an ASP.Net MVC web application using the Entity Framework to help streamline registration and set up processes
- Developed automated test scripts using Selenium and Page Object Design pattern for detailed functional testing

**CAPSHER –** Software Developer Intern; College Station, Texas                     **June 2015 – August 2015**

- Built a web application using ASP.Net, SQL and JSON objects, with use of Producer-Consumer queues for a review system
- Led and managed four interns in understanding the scope of the project and disseminated tasks accordingly

**Flow-Cal –** Software Developer Intern; Clear Lake, Texas                     **January 2015 – May 2015**

- Built a .Net application that simplified worksheet creation for reports which reduced creation time from days to seconds
- Developed enhancements on applications to enforce low coupling and added support for asynchronous report creation

## PROJECTS

**.Net Currency Pair Stock Tracking System – Personal Project**

- Created a .Net application using WPF that notifies the user for currency stock alerts, which include alerts for change in rates
- Used Visual Studio and its tools for development and testing of the application

**JavaScript Simon Game – Personal Project**

- Built a Simon game using JavaScript (+jQuery) and HTML5/CSS3 that tests user's memory through a series of click events
- Developed and deployed on CodePen.io (https://codepen.io/GWarrior5595/pen/aZpdKq)

**Java Data Structures and Algorithms Tutorial – Group Hackathon (HackTX) Project**

- Built a visual tutorial with JavaFX and Gimp to help programmers learn about most data structures, algorithms and Big O
- Used svn for collaboration with team members

## COMMUNITY SERVICE

**Children's' Classes –** Teacher; Houston, Texas                     **August 2014 – Present**

*Classes held in neighborhood to teach children about dealing with societal pressures*

- Educated eight to ten students each week about virtues, dealing with societal pressures and helping their communities

## ORGANIZATIONS

**CougarCS (Computer Science) –** Member                     **Fall 2013 – Present**

**University of Houston Rugby Club -** Member                     **Fall 2015 – Present**

## ADDITIONAL INFORMATION

**Work Eligibility:** Eligible to work in the U.S. with no restrictions