

Balaji Natarajan

CONTACT

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CAREER OBJECTIVE

To make a contribution to the organization to the best of my ability and to develop new skills and share my knowledge while interacting with others and thereby achieving new heights

WORK EXPERIENCE

inLab, FIB, UPC, Barcelona, Spain

Feb 2016 - Jun 2016

Intern (exchange student)

- Developed speed and intensity indicators in the Learning Analytics platform for secondary schools in Catalunya
- Calculated starting dates of the learning modules based on bulk accesses of students
- Performed visualization of developed modules using ggplot2 (R package)
- Performed PCA (Principal Component Analysis) to compute motivation index for each student(s)
- Performed validation of developed components

SKILL SET

- Programming skills: C, C++, Java, Python 2.7, R, MATLAB, HTML5, CSS3, JavaScript, AngularJS, Bootstrap, Ionic framework
- Database: MySQL
- IDE: Eclipse, Atom, WebStorm
- Operating Systems: Windows 10, Ubuntu 14.04

CERTIFICATIONS

- Statement of Accomplishment in *Design and Analysis of Algorithms part 1* offered by **Stanford University**, Coursera
- Statement of Accomplishment in *Data Scientist Toolbox* course offered by **Johns Hopkins University**, Coursera
- Statement of Accomplishment in *Programming for Everybody (PR4E)* course offered by **University of Michigan**, Coursera
- Verified certificate in Introduction to HTML5 course offered by **University of Michigan**, Coursera
- edX Honor Code Certificate for Introduction to R Programming course offered by **Microsoft**
- Certification in SQL Fundamentals course offered by **SoloLearn**

EDUCATION

Master of Science in Computer Science

University of Missouri - Kansas City

Major: Data Science

Minor: Software Engineering

Aug 2016 - Dec 2017 (Expected to graduate)

Bachelor of Technology, Computer Science & Engineering

SASTRA University, Tirumalaisamudram

CGPA: 7.85 (out of 10)

Jul 2012 - Jun 2016

INTERESTS

- Data science
- Learning analytics
- Software Engineering

RESPONSIBILITIES HELD

- Was a member and student coordinator of **CSI** (Computer Society of India), SASTRA University
- Was an active member of **ACE** (Association of Computer Engineers), SASTRA University