

LAURA SAPARKHAN

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SUMMARY

A forward-thinking leader and data expert who has influenced the design of classes, students, and technologies. Having more than 10 years of IT background coupled with the pursuit of my Professional Science Master's degree in Computer Science, bring solid, transferable skills in applying technologies to games, education, and research.



WORK EXPERIENCE

SENIOR DATA ANALYST
BOSTON UNIVERSITY
2016-06 - PRESENT

- Leading a team of data analysts to respond to customer inquiries and provide annual reports to the Boston Board of Regents and the National Science Foundation.
- Saving contract management 15–20 hours in the development of reports monthly, allowing them to spend more time contract flow.
- Developing a statistical model to predict annual income for the research, discovery, and innovation.
- Developing a statistical model to better predict expenditures for research, discovery, and innovation.
- Providing insight into money flow in connection with the fluidity of grants.

DATA ANALYST
PURDUE UNIVERSITY
2013-03 - 2016-05

- Led a team of six developers and one designer that developed IU Print & Leveraged Services (LS) analytics dashboards & reports for data-driven decision making by LS customers and UITS-senior management.
- Developed & documented application development processes, standards for the analytics & development team.
- Analyzed university print data for data quality issues and automated the data validation process for IU print allotments.
- Completed security grid items for the IT security audit for development & analytics team.

SENIOR SOFTWARE ENGINEER
SAMSUNG ELECTRONICS AMERICA
2008-10 - 2013-02

- Designed, developed, documented and led the team of six developers, which developed Samsung America's first recipe app on Android and Smart TV platform for microwaves.
- Directed the team of five developers and testers, which successfully developed, documented and performed the unit testing of various API of Samsung KNOX platform for Samsung Galaxy S4.
- Developed the desktop client prototype of Samsung Zensys building energy management system for real-time monitoring of various building energy parameters and centralized control of the same.



EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE
COLUMBIA UNIVERSITY
2005 - 2007



SKILLS

C/C++



SAS



SPSS



HTML



SQL



JMP



TABLEAU



JAVASCRIPT



HOBBIES

- Chess
- Blogging
- Bodybuilding
- Creative Writing

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