1. Introduction

In the academic year 2006-2007, I received the Faculty Research Grant entitled “Applying Data-Mining on Open-Source Software Repositories.” The project started in December 2006 and ended in November 2007. Most of the research activities were performed in the summer of 2007. The project is successful with expected outcomes.

2. Grant Supported Activities

With the support of this grant, various activities were performed.

- **Problem Identification.** First, the key problems of mining open-source repositories were identified through reviewing related literatures.
- **Data extraction.** Second, the raw data were extracted from the open-source repositories.
- **Data analysis.** Third, data-mining techniques were used to analyze the data to extract useful and implicit information from the data.
- **Results written up.** Finally, the results were summarized and submitted for publication and dissemination.

3. Outcomes

With the support of this grant, six papers were published in conference, three papers were submitted to international journals, and a subcontract proposal was submitted to NSF.

Paper Published:


**Paper Submitted:**


**External Grant Proposal Submitted:**

1. Collaborative project, “Gratifying, Redeeming, Appealing, Societal Partnerships in Information Technology” led by University of Arkansas at Little Rock is submitted to NSF.

**4. Acknowledgement**

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