NATALIIA BIERNIKOVA

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EDUCATION:

Minnesota State University, Mankato   Mankato, MN
Master of Science in Information Technology   December 2015
                                                                                            GPA: 4.00

Ukrainian Engineer Pedagogical Academy   Stakhanov, Ukraine
Bachelor of Science in Post-Secondary Education   June 2007
Minor: Economics, Management, Marketing   GPA: 3.25

RELATED WORK EXPERIENCE:

Minnesota State University, Mankato   September 2014 - Present
Database Developer at Buro507   Mankato, MN
www.b507.us

Project 1: OFIE
Business Problem: The client for this project was Office of Field and International Experience (OFIE) and they deal with students who major in Education and need to complete field experience for some of the classes. Client has been using Excel sheets to keep track of all the student records that go through the process of field experience. The task of this project was to develop a database application that would simplify and automate the process of storing, tracking and retrieving data.
I accomplished the following tasks for this project:
- Designed the data model.
- Performed analysis and data scrubbing on gathered data.
- Developed custom application to meet client's requirements using FileMaker Pro.
- Created scripts and calculations to implement required features of application.
- Communicated with clients regarding requirements of the project and future improvements.
- Trained and assisted other team members and clients with database application.
- Managed other team members.
- Applied agile methodology to develop the application.

Project 2: Maverick Virtual Family: Electronic health record system with static data for Nursing department at MNSU.
- Designed the data model with other team members.

Minnesota State University, Mankato   January 2014 - May 2014
Teacher's Assistant, IT 100   Mankato, MN
- Cooperated with lead professor throughout the semester.
- Explained, guided and helped students to complete projects and practical assignments of the course.
- Evaluated students' classwork, homework and tests.
- Independently prepared and gave lectures when needed.

SKILLS AND CERTIFICATIONS
- **Database Tools and Servers:** Oracle Database, FileMaker Pro, SQL Server, MySQL, MS Access, MS Visio.
- **Programming languages:** Javascript, JQuery, PHP, Ruby on Rails, HTML, CSS, Java.
- **Mobile and Web Development:** Android Studio, Cordova PhoneGap, NodeJS, Bootstrap, WordPress.
- **Certifications:** Oracle Database - SQL Fundamentals certificate

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LANGUAGES:
        Fluent in English, Russian and Ukrainian.

LEGAL STATUS:
        Authorised to work in USA, awaiting for Green Card.