**Internship Assignment**

Student Repina Anastasia Andreevna

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| Programme | | System and Software Engineering | | |
| Education Level | | Master | | |
| In the field of | | 09.04.04 Software Engineering | | |
| Faculty | | Faculty of Computer Science | | |
| Type of Internship | | Industrial (Scientific-Research) | | |
| Period of Internship | | from | 01.07.2019 | |
|  |  | to | 14.07.2019 |

**Aims of the internship:**

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| planning (including the development of conceptual models, research programs) and the organization of research; development of own research project;independent research in the relevant subject, scientific field, at the intersection of sciences; definition and structuring of the research problems in the field of professional activity, self-selection and justification of the object, tasks and methods of research and their implementation;independent search, monitoring, evaluation (validation) and processing of information sources (including in foreign languages);selection of methodology and instrumental means for analysis in accordance with the conditions, goals and objectives;analysis of applied research data using qualitative and quantitative methods; |

**Tasks to be completed:**

1. Planning and organization of the research in the navigation and augmented reality fields;
2. Research and evaluation of the information sources (not less than 3 including 2018-2019 years) related to the selected feature out of the proposed features in the “future work” section of the course work “Mobile Application for AR Navigation” 2019;
3. Realization of selected feature, which might later be included into the final thesis;
4. Uploading the results to the GitHub.

**What is going to be studied/done during the internship:**

1. Study the latest existing researches in the navigation and augmented reality fields;
2. Analysis currently available solutions similar to the thesis topic;
3. Study and choose the technologies that can be used in implementation of the selected feature;
4. Development of the requirements for the selected feature;
5. Implementation and uploading of selected feature.

**Expected results:**

1. Analysis and overview of the latest researches in the navigation and augmented reality fields;
2. Description of the selected technologies;
3. Description of the requirements;
4. Developed and working feature.

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| **APPROVED** | | | | | |
| Internship Supervisor from the HSE department of SE | | | | | |
| Ph.D., associate professor of DSE |  |  | |  | Rimma Z. Akhmetsafina |
| The assignment is accepted by student | | | Anastasia A. Repina | | |
| Responsible Internship Supervisor from HSE: | | | | | |
| Academic Supervisor |  |  | |  | Konstantin Y.Degtyarev |