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| **Bachelor Thesis Registration** | | **https://lh4.googleusercontent.com/pueS7Mki8ofzrrccEWJbQUKgmSEnECV4EbOy8uNZR3elFEgmIAwUEb7vlrRzeaa4sNdop_Uwu3C0a8ghUhhH36cyKaNVUzKk4drw5YekjyiRUnMWgjBxENhjDWlBTJX6Rnv6_DMF** https://lh3.googleusercontent.com/ukuxddpPdOcVTjt8J7fB1SZLAXbHXYFm5DY9AY0PmqkNgPiBzpFfbJgEDIzA_mn26Sv78vk5gn1FH4YaIWNv5axL4JrFZeGw9Aq5EoXWIBRCqe7vDffxdNHOScONHvK-pAY36rRP | | | |
| **Student name** | Qiu, Sixiang | **Thesis Type** | Internal | **Start date** | 01.11.2020 |
| **End date** | 01.02.2021 |
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| **2nd Supervisor** | TBD | | | | |
| **Thesis topic** | *“Web Development of a Virtual DotA 2 Pre-Game Assistant using Statistical Intelligence”* | | | | |
| **Task description** | *Description:*  *“Gone are the days when E-sports was purely based on extra-ordinary skills and passion. Especially the so called Multiplayer Online Battle Arena (MOBA) games that often pitch teams of five against one-another require a level of strategic thinking and precise tactical execution that can only be achieved through continuous practice and the assistance of a subject matter expert, often a full time coach, to find the most critical issues to improve upon.*  *This thesis details the development of a Web Application that attempts to provide the reflective, pre-game assistance such a coach could offer at an intermediate level, by statistically analyzing previously recorded match data and, intelligently, make (a) strategic recommendation(s).”*  *Tasks:*   * *Collection and/or gathering of DotA 2 (MOBA) match data* * *Analyze the data with the help of statistical intelligence* * *Develop a Web Application that visually highlights the meaningful components of the collected data set* * *Offer a coach-like pre-game strategic recommendation* | | | | |