**GANTT CHART**

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| --- | --- | --- | --- | --- |
| PROJECT NAME | PROJECT LEAD | PROJECT START DATE | PROJECT END DATE | TODAY’S DATE |
| Mixed-precision Block QR | Jaidon Lybbert | 1/3/2023 | 6/1/2023 | 1/12/2023 |

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| **MONTH** | | | | | **1** | | | | | **2** | | | | **3** | | | | **4** | | | | **5** | | |
| **WEEK STARTING** | | | | | **1** | **8** | **15** | **22** | **29** | **5** | **12** | **19** | **26** | **5** | **12** | **19** | **26** | **2** | **9** | **16** | **23** | **7** | **14** | **21** |
| **ACTIVITY** | **ASSIGNED TO** | **STATUS** | **START** | **END** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kickoff Meeting |  | Complete | 1/3 | 1/3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Develop Scope & Schedule | Jaidon L. | In Progress | 1/3 | 2/5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Research Algorithm | Jaidon L. | In Progress | 1/3 | 2/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Full-precision block QR in Python | Alice L. | In Progress | 1/10 | 2/22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Full-precision block QR in CUDA | Shashank S. | In Progress | 1/10 | 2/22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prototype mixed-precision in Python | Alice L. | Not Started | 1/22 | 2/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prototype mixed-precision in CUDA | Shashank S. | Not Started | 1/22 | 2/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fix mixed-precision block QR algorithm | Jaidon L. | Not Started | 2/5 | 3/5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fix CUDA implementation design | Shashank S. | Not Started | 2/20 | 3/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fix x86 implementation design | Alice L. | Not Started | 2/20 | 3/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Finish CUDA implementation | Shashank S. | Not Started | 3/20 | 5/07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Finish x86 implementation | Alice L. | Not Started | 3/20 | 5/07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing | Yiming D. | Not Started | 5/07 | 5/14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Final Report | Yiming D. | Not Started | 5/14 | 5/20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |