

## Chess\_Engine\_FYP

### Phase 1: Base Chess Engine

- Initial Project Setup
- Board Representation
- Move Generation
- Legality Checks
- Evaluation Function
- Negamax
- Time Controls
- UCI Protocol
- Bot Elo Estimate
- End Of Phase 1, Publish Crates & Do...

### Phase 2: Search Techniques

- Alpha Beta Pruning
- Null Move Pruning
- MVV - LVA Ordering
- Promotion First Ordering
- Quiescence Search
- Iterative Deepening
- End Of Phase 2: Benchmark & Publis...

### Phase 3: Evaluation Techniques

- HCE
- Bot Elo Estimate
- End Of Phase 3: Benchmark & Publis...

