Akshay Kavthekar

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EDUCATION	**University of Michigan - Ann Arbor** December 2017

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B.S.E. in Computer Science with Minor in Mathematics

Relevant Coursework: Intro to Operating Systems, Intro to Artificial Intelligence., Data Structures and Algorithms, Programming and Introductory Data Structures, Accelerated Intro to Programming, Intro to Computer Organization

PROJECTS

Texas Hold'em (in progress)
C++ Program
- Simulates games of poker and allows user to play against up to 10 players
- Administered object oriented programming for cards, deck, and types of players
- Constructed simple intelligent agents to play as opponents using different strategies

Log Manager
C++ Program
- Created a low latency, memory efficient log manager program for course project
- Used hash tables, linked lists, and vectors to hold manipulated and excerpted data
- Implemented search by keyword, category, and timestamp as well as sort

Algorithmic Trader
C++ Program
- Built a basic stock market simulator in C++ for course project
- Applied simplified Index Arbitrage and Market Making strategies based on bid-ask spread to run simulation
- Utilized classes to represent stock market and trading strategies

Taskr
Android Application
- Designed task managing mobile app created to allow users to create simple checklists with set dates and times to manage their schedules better
- Developed chronologically-ordered list manager using Java and XML
- Available on Google Play Store

WORK EXPERIENCE

Med-Share Mobile Diagnostic Imaging   Summer 2015
Administrative Assistant
- Scanned patients' medical records into database in order to digitize information
- Worked with a third-party consultant to facilitate supplies for upcoming company projects involving patent research
- Bolstered communication skills and learned about prioritizing/deadlines

SKILLS

C++, Python, Java, HTML, CSS, Linux, Git