Kailash Jayaram

Contact Information

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Education

University of California, San Diego **Class of 2020**
B.S. Computer Science
• 3.8 GPA.
• Provost Honors 2017,2018

Experience

Amazon (AWS Snowball) **Summer 2018**
SDE Intern
• Automated fraud prevention procedure to cut down on the time and costs of manual job approval
• Designed, implemented, tested, and deployed my own java-based software component to production
• Worked with SQS, DynamoDB, SNS, Cloudwatch metrics, and CloudFormation.

GLXY *(glxy.ai)* **January 2018 - June 2018**
SDE
• Developed and implemented an accelerometer filtering algorithm for more accurate data processing
• Worked on a team of 3 to win over $50k in funding from the E-Challenge competition
• Built Andriod app to demo for an ABC TV interview

Selected Projects

Workout Tracker Android App **Summer 2017**
• Built an application that allows user to create and track their own workouts
• Created an interactive calendar to view and edit previous workouts as well as plan future workouts
• Implemented a dynamic graph to view progress over time using Graph View library

Chess Engine **Summer 2016**
• Implemented a Minimax search based chess engine utilizing alpha beta pruning
• Optimized to be capable of fast position evaluations up to 4 moves into the future
• Created an interactive click to move UI using Java.awt library

Skills

Languages
• Java, Python, C, C++, Unix
Programs
• Andriod Studio, MATLAB, LaTex

Selected Technical Courses

Completed
• Data Science in Practice
• Mathematics for Algorithms and Systems
• Advanced Data Structures
• Probability and Statistics

Expected Fall Courses
• Web Mining and Recommendation Systems
• Algorithm Analysis
• Optimization
• Natural Language Processing