Jasper Harris

1729 High Alley, Eugene, Oregon 97401 • (541) 610-3741 • jasperharrist@gmail.com

» Profile

Computer Information Science major with a passion for math and problem solving. Views computer science as a way to apply this passion.

» Education

Bend Senior High School, Bend, OR
Honors Diploma, 2012

University of Oregon, Eugene, OR
Computer Science Student, 2014 – present

» Class Load

Computer Science:
- Computer Science 1-3 (Python/Java)
- Data Structures (Java)
- Computer Organization (C)
- Database Processing(SQL) *
- Software Methods 1*
   *Currently Enrolled

Math:
- Calculus 1-3
- Discrete Math 1-2
- Linear Algebra 1

» Skills and Interests

AI design

Enjoying the challenge and satisfaction of creating an AI in the game Screeps. This has given me experience creating Finite State Machines, Decision Trees, while managing the restricted cpu usage imposed on me by the game.

Algorithm Design

Implemented a Red/Black tree in Java. Found the logic of efficiently maintaining a balanced R/B tree as nodes are inserted and removed to be demanding and the solutions to be clever.

Strategy Games

Grew up playing Magic the Gathering as well as numerous other strategy based board games. Through these games I developed skills related to planning ahead, probability, and predicting the actions other people take.

Outdoors and Adventure

Spent the summer living in Alaska and working at the Denali Princess Wilderness Lodge as a Waiter. Used my free time to explore Denali National Park and Alaska at large.