

SUTHERLAND PROGRAMMING CLUB

2018 FIRST MEETING

WHYPROGRAM?



PAST TWO YEARS





THISYEAR

Projects (New):

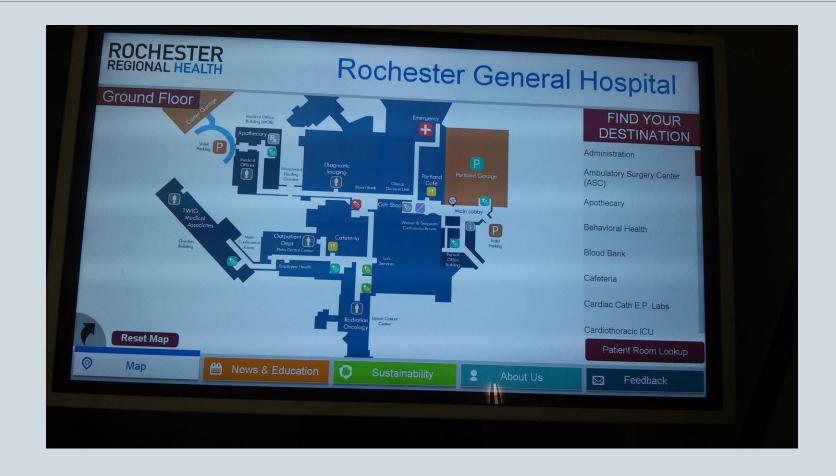
Work on creative projects in groups

Competitive programming:

- Algorithms
- Cornell High School Programming Contest

PROJECTS

SCHOOLGUIDE



Taken at Rochester General Hospital (RGH)

WEBSITE DESIGN

PITTSFORD SUTHERLAND PROGRAMMING CLUB

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- Tutorials
- Useful LinksSnapshots

Welcome to Sutherland Programming Club!

Founded in 2015, Sutherland Programming club aims to share the fun of coding with more people. We created the first programming teams to attend Cornell High School Programming Contest. The contest is in ACM International Collegiate Programming Contest format, which gives the competing teams (3 people per team) 3.5 hours to solve about 10 problems.

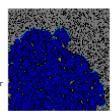
In this club, you could enjoy the beauty of algorithms, have fun with different priects, and experience the power of teamwork. Whether you know how to program or not, this is a club where you can learn something and extend your skills to infinity.

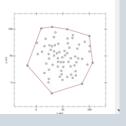
All of the club materials are uploaded to this site.

If you are interested in C++ syntax, data structures, and some useful algorithms, please visit tutorials, which includes topics like: Recursions, Implementations, Binary Search, Queues and stacks, Balanced Trees, etc.

If you are interested in problems sets where you can practice and other sites that provides tutorials, please visit Useful Links, which includes links to websites like USACO, Hackerrank, Codeforces, etc.

If you are interested in the pictures taken for the club, please visit Snapshots.

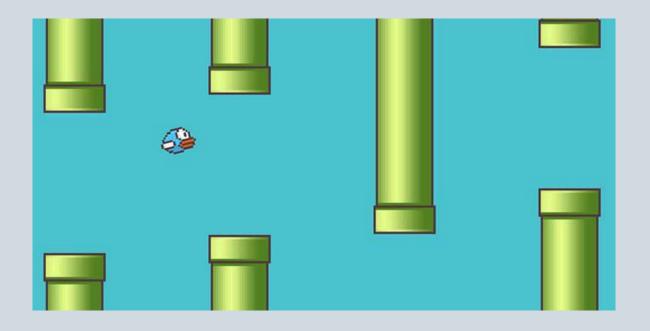




http://sutherland-programming-club.co.nf/index.html

An Online Judge?

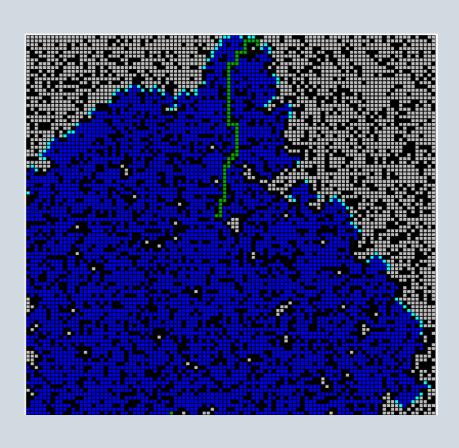
GAME DESIGN

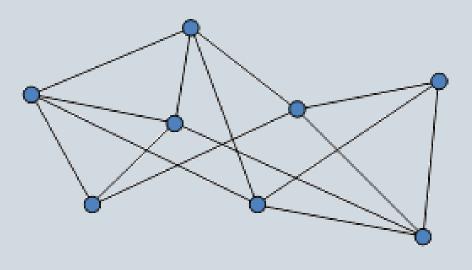


Useful software (Subjects related, Real-life related)

- Balance chemical equations
- Calculate the net force

ALGORITHM LEARNING





COMPETITIVE PROGRAMMING

- Past Algorithms are available on our website
- One data structure or algorithm every meeting

MEETINGS

- Working on Projects in groups
- Lecture on Data Structures and Algorithms

SCHEDULE

2-4 MEETINGS PER MONTH



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