Class Information

- Instructor: Sinisa Todorovic
  - [pronounced: SINISHA]
  - http://web.engr.oregonstate.edu/~sinisa/
  - sinisa@oregonstate.edu
- Office: KEC 2107
- Office Hours: W 2-3, or by appointment
GTAs

- **Nasrin Abdolahi** <abдолахн@oregonstate.edu>
  - Office Hours: Thur 11-11:30am

- **Guarav Sharma** <sharmgau@oregonstate.edu>
  - Office Hours: Thur 11:30-12pm

- **Dan Taylor** <taylord2@oregonstate.edu>
  - Recitations: Tue, Thur
  - Office Hours: Thur 12-12:30
About me…

- Ph.D. at University of Florida

- Postdoc at University of Illinois Urbana-Champaign (UIUC)

- Joined OSU in 2008
Teaching: CS 261

DATA STRUCTURE

LINEAR
- ARRAYS
- STACK
- QUEUE
- LINKED LIST

NON-LINEAR
- TRESES
- GRAPH
Teaching: ECE 468

Digital Image Processing
Teaching: CS 556

Computer Vision
This Course

- Lectures:
  - MWF 1-1:50, GILB 224

- Recitations:
  - Tue 11-11:50, KEC 1003
  - Tue 12-12:50, KEC 1003
  - Tue 1-1:50, GBAD 103
  - Thu 9-9:50, KEC 1003

Attendance is recommended, not mandatory

Attend the recitation you registered for!
How to Contact Me

- Email: sinisa@oregonstate.edu
- Subject should contain: “CS261”
- If you do not have CS261 in your subject, I cannot guarantee a timely response.
- For HW questions, use Canvas
If You Want to Talk to Me

• I’d be very glad to talk to you,
  • During office hours, or
  • By appointment (scheduled via email)
• But will not be available at other times
Class Description

• **Textbook: Dr. Budd’s Online Textbook**
  - Chapters can be downloaded from Canvas

• “C Pocket Reference” by Peter Prinz and Ulla Kirch-Prinz
  - [http://www.amazon.com/C-Pocket-Reference-Peter-Prinz/dp/0596004362](http://www.amazon.com/C-Pocket-Reference-Peter-Prinz/dp/0596004362)
Class Objectives

1. General-purpose data structures and algorithms for:
   1. Dynamic arrays,
   2. Linked lists,
   3. Stacks, Bags, Queues, Deques
   4. Trees, BSTs, ADLs
   5. Heaps
   6. Graphs
   7. Hash tables

2. Software implementation in C
Office Hours

• Aimed at additional clarifications and guidelines -- not for doing your homework.

• GTAs will not be able to look for syntax errors and help you compile your C code.

• Ask concrete, detailed questions!
Grading Distribution

- 7% -- Homework 1 (max 100 points)
- 7% -- Homework 2 (max 100 points)
- 7% -- Homework 3 (max 100 points)
- 9% -- Homework 4 (max 100 points)
- 20% -- Midterm Exam 1 (max 100 points)
- 20% -- Midterm Exam 2 (max 100 points)
- 30% -- Final Exam (max 100 points)

Total: $S = 0.07 \times (H1 + H2 + H3) + 0.09 \times H4 + 0.2 \times (E1 + E2) + 0.3 \times FE$

Max total = 100
# Grading Policy

<table>
<thead>
<tr>
<th>Total score S</th>
<th>Final Grade</th>
</tr>
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<tbody>
<tr>
<td>&gt;90</td>
<td>A</td>
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<tr>
<td>&gt;85</td>
<td>A-</td>
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<tr>
<td>&gt;80</td>
<td>B+</td>
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<tr>
<td>&gt;76</td>
<td>B</td>
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<tr>
<td>&gt;72</td>
<td>B-</td>
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<tr>
<td>&gt;68</td>
<td>C+</td>
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<tr>
<td>&gt;64</td>
<td>C</td>
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<tr>
<td>&gt;61</td>
<td>C-</td>
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</tbody>
</table>
Homework

- Programming assignments submitted via Canvas by the **deadline**
- We will grade **ONLY** homework submitted via Canvas
- No credit for homework on your personal computers, USB drives, e-mails, etc.,
- **Even when you can prove that it has been done before the deadline**
Late Homework

- Full credit only with a prior approval or in the case of emergency

- A request for the approval must be emailed to the instructor at least two days before the deadline.

- Penalized by 20% for each day after the deadline.
Homework: Compiling Errors

- Make sure that your code compiles with our Makefile on the School’s server
- **Partial credit** for compiling errors, same as late homework
- A GTA will let you know if you had a compiling error within 24 hours of the submission deadline.
Mistakes in Submitting Homework

- Students *quite often* accidentally submit wrong files

- Check carefully the files you submit!
Collaboration

- You are expected to do your own work!
- OK to talk about *general* approaches and strategies with other students
- Do not simply let someone else tell you how to solve the problem
- Do not let someone else copy your work
Academic Honesty -- Homework

• Not Ok
  • Sharing code, solutions
  • Using code that is not yours, e.g., from Internet

• Very similar homeworks
  • Common excuse: “We worked on it together”
  • All involved students will get zero credit
Help on Assignments

• Convas discussions

• See us during our office hours

Start working on your assignments early!
Exams

- 2 midterm exams and Final Exam
- The exams are closed book
- Dates:
  - Monday, May 7, 1-1:50, in GILB 224
  - Friday, June 1, 1-1:50, in GILB 224
  - Monday, June 11, 12-1:30, in GILB 224
Makeup Policy for the Exams

• Makeup only for the midterm exams; No makeup for the final exam

• A makeup exam will be offered within 1 week after the scheduled midterm exam

• For students who had an emergency or got my approval. Contact me at least two days before the midterm for the approval