

CS-HU390: Technical Interviews, Jobs and Careers

Fall 2017,Boise State University

Prerequisites:CS230, CS253 and CS321

Contact Information

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Class Time and Location

Session Dates	Time	Room	Office Hours
8/21/2017 -10/13/2017	Monday4:30PM - 6:30PM	CCP 221	TBD

Catalog Description

CS-HU 390 TECHNICAL INTERVIEWS, JOBS, AND CAREERS (1-0-1)(F). Prepare students for computer science technical interviews. Demonstrate how knowledge gained in classes can be used to solve new problems. Encourage teamwork and peer feedback. Learn how to negotiate jobs and manage career growth. A Hatchery Unit (HU) course is a short course to develop specific professional skills for computer science. (Pass/Fail) PREREQ: CS 230, CS 253, CS 321.

Text

Cracking the Coding Interview: 189 Programming Questions and Solutions 6th Edition by Gayle Laakmann McDowell.

Attendance

Students are expected to attend all classes. Missing classes without explanation may result in a grade penalty.

Grading Policy

This class is graded as pass/fail courses in which you'll received a final grade of P or F. Note that a grade of F will impact your GPA. Passing grade is satisfactory work equivalent C- or higher (<https://registrar.boisestate.edu/grades/>). Your grade will be computed based on the following: * Attendance - 50% * Class participation- 50%

Grading scale

- 90% A- < 94% A < 97% A+
- 80% B- < 84% B < 87% B+
- 70% C- < 74% C < 77% C+
- 60% D- < 64% D < 67% D+
- F < 60%

Course Topic Outline

Week 1: Technical writing (Resumes/Cover letters/ Email)

Week 2: Technical and Behavioral Interviews

Week 3: Review of Data Structures

Week 4: Review of Algorithms

Week 5: Review of Algorithms

Week 6: Mock Interviews

Week 7: Mock Interviews

Week 8: Careers Discussion

Schedule (Tentative)

Week #	Date	Topic
1	08/21	Resume workshop
2	08/28	Technical Interviews, Behavioral Questions & Soft Skills
3	09/04	Data Structures
4	09/11	Algorithms, and Big-O
5	09/25	Recursion and Memoization
6	09/18	Mock Interviews
7	10/02	Mock Interviews
8	10/09	Careers: Finding a Good Fit and Negotiating [Industry Panel]

Academic Honesty

The University's goal is to foster an intellectual atmosphere that produces educated, literate people. Because cheating and plagiarism are at odds with that goal, those actions shall not be tolerated in any form. If a student engages in academic dishonesty, the student may be dismissed from the class and may receive a failing grade. Other penalties may include suspension or expulsion from the University. For much more information about academic integrity, including examples of academic dishonesty, see: <http://cs.boisestate.edu/~buff/files/www-integrity.pdf>

University Attendance Policy

Students are expected to attend classes regularly. Missing one of two first classes may result in your automatic withdraw from the class. (See <http://policy.boisestate.edu/academic-affairs-faculty-administration/policy-title-faculty-initiated-withdrawal/>)

Disability Office

Students with disabilities needing accommodations to fully participate in this class should contact the Disability Resource Center (DRC). All accommodations must be approved through the DRC prior to being implemented. To learn more about the accommodation process, visit the DRC's website <http://drc.boisestate.edu/>

Procedures for Breach of Academic Misconduct

- First offense: Student will receive a 0 on the assignment and an Academic Misconduct Report Form will be submitted to the Office of the Dean of Students.
- Second offense: Student will receive an F in the course and an Academic Misconduct Report Form will be submitted to the Office of the Dean of Students.
- Academic Misconduct Form: http://deanofstudents.boisestate.edu/wp-content/uploads/2014/10/Academic_Dishonesty_Report_Form.pdf.

Building Safety

Knowing how to behave in an emergency situation is really important for students. Please review CCP Building Safety Document at <http://coen.boisestate.edu/cs/safetydocument/>