

 Cengage

Schneider's

Invitation to **Computer Science**

G. Michael Schneider
Judith L. Gersting

Schneider's Invitation to Computer Science

This textbook is intended for a one-semester Introductory course in computer science. It presents a broad-based overview of the discipline that assumes no prior background in computer science, programming, or mathematics. It would be appropriate for a college or university course for students not majoring in computer science, as well as for first course for majors using a breadth-first approach that surveys the fundamental aspects of computer science. It would be highly suitable for a computer science course, especially the computer science basics course in colleges and universities.

This eighth edition of *Invitation to Computer Science* addresses a number of emerging issues in computer science. New material is added on ransomware, code repositories, new programming languages, data science, artificial intelligence, and drones. New and updated Special Interest Boxes highlight interesting historical vignettes, new developments in computing, biographies of important people in the field, and news items showing how computing affects our everyday lives.

Computer science is a young and exciting discipline, and we hope that this material, along with the laboratory projects and online modules, will convey the feeling of excitement to students.

[based on *Invitation to Computer Science, 8e*]

Key Features

- Comprehensive and complete for Computer Sciences basics course
- Feature-rich presentation of text
- Interest-generating, and student-friendly approach
- Includes a license key for our digital learning app, Cengage Digital App, that provides access to *further readings* and *model question papers*.

About the Authors

G. Michael Schneider
Macalester College

Judith L. Gersting
Indiana University-Purdue University at Indianapolis

Supplemented with content for specialised topics for in-depth study.

 **Cengage**

For product information, visit www.cengage.co.in

ISBN 978-03-5573-544-7
ISBN 93-5573-544-8



9 780355 735447