

# CS21120 Program Design, Data Structures and Algorithms

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@book{Aho\_Hopcroft\_Ullman\_1982, address={Reading, Mass}, title={Data structures and algorithms}, volume={Addison-Wesley computer science and information processing}, publisher={Addison-Wesley}, author={Aho, Alfred V. and Hopcroft, John E. and Ullman, Jeffrey D.}, year={1982} }

@book{Baldwin\_Scragg\_ebrary, Inc\_2004, address={Hingham, Mass}, edition={1st ed}, title={Algorithms and data structures: the science of computing}, volume={Charles River Media computer engineering series}, url={http://site.ebrary.com/lib/aber/Doc?id=10066529}, publisher={Charles River Media}, author={Baldwin, Douglas and Scragg, Greg W. and ebrary, Inc}, year={2004} }

@book{Budd\_2001, address={London}, title={Classic data structures in Java}, publisher={Addison-Wesley}, author={Budd, Timothy}, year={2001} }

@book{Fowler\_2004, address={Boston, MA}, edition={3rd ed}, title={UML distilled: a brief guide to the standard object modeling language}, volume={Addison-Wesley object technology series}, publisher={Addison-Wesley}, author={Fowler, Martin}, year={2004} }

@book{Freeman\_Freeman\_Sierra\_Bates\_2004, address={Sebastopol, CA}, title={Head First design patterns}, url={http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\_service\_id=3037305940002418&institutionId=2418&customerId=2415}, publisher={O'Reilly}, author={Freeman, Eric and Freeman, Elisabeth and Sierra, Kathy and Bates, Bert}, year={2004} }

@book{Gamma\_1995, address={Reading, Mass}, title={Design patterns: elements of reusable object-oriented software}, volume={Addison-Wesley professional computing series}, publisher={Addison-Wesley}, author={Gamma, Erich}, year={1995} }

@book{Knuth\_1997, address={Upper Saddle River}, edition={3rd ed}, title={The art of computer programming: Vol.1: Fundamental algorithms}, publisher={Addison-Wesley}, author={Knuth, Donald Ervin}, year={1997} }

@book{Knuth\_1998a, address={Reading, Mass}, edition={3rd ed}, title={The art of computer programming: Vol.2: Seminumerical algorithms}, publisher={Addison-Wesley}, author={Knuth, Donald Ervin}, year={1998} }

@book{Knuth\_1998b, address={Reading, Mass}, edition={3rd ed}, title={The art of computer programming: Vol.3: Sorting and searching}, publisher={Addison-Wesley},

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author={Knuth, Donald Ervin}, year={1998} }
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@book{Main_1999, address={Reading, Mass}, title={Data structures & other objects  
using Java}, publisher={Addison Wesley}, author={Main, M.}, year={1999} }
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@book{Standish_1998, address={Reading, Mass}, title={Data structures in Java},  
publisher={Addison-Wesley Longman}, author={Standish, Thomas A.}, year={1998} }
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@book{Weiss_1999, address={Reading, Mass}, title={Data structures & algorithm  
analysis in Java}, publisher={Addison-Wesley}, author={Weiss, Mark Allen},  
year={1999} }
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@book{Wirfs-Brock_Wilkerson_Wiener_2010, address={New Delhi}, title={Designing  
object-oriented software}, publisher={PHI Learning Private Ltd}, author={Wirfs-Brock,  
Rebecca and Wilkerson, Brian and Wiener, Lauren}, year={2010} }
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@misc{https://www.cs.usfca.edu/~galles/visualization/Algorithms.html }
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