

Career Outlook: Computer Science

Computer Science Programs Available at Bemidji State University:

Major: Computer Science (B.S.), Computer Information Systems (B.S.)—see separate Career Outlook

Minor: Computer Science

Department Website: http://www.bemidjistate.edu/academics/departments/math_computer_science/computer_science/

EMPLOYMENT AREAS AND PROJECTED DEMAND:

The "Occupational Outlook Handbook" (OOH) reports that computer programmers held about 250,300 jobs in 2018. Although they are increasingly employed in every sector of the economy, the greatest concentration of these workers, about 38%, was in the computer systems design and related services industry. About 19% of computer scientists were also employed by software publishers, finance and insurance, and manufacturing.

OOH reports that the nationwide demand for software developers is expected to grow 21%, much faster than average, through 2028, and the demand for computer programmers is expected to decline through 2028. The expected salary for computer programmers established in their career is \$48,790 to \$134,630. The median pay for 2018 was \$84,280 per year.

PLACEMENT INFORMATION FOR COMPUTER SCIENCE GRADUATES:

There are many opportunities for Bemidji State University Computer Science graduates. Of the 16 Bemidji State University Computer Science 2017-2018 graduates, 75% reported obtaining related employment within one year of graduation. This does not include students who were not seeking employment, furthering their education, unavailable, or had unknown status.

PARTIAL LIST OF EMPLOYERS WHO HAVE REPORTED HIRING BSU COMPUTER SCIENCE GRADUATES*: (This list only includes employment within one year of graduation.)

AmesburyTruth	Software Developer	Owatonna, MN
Digi-Key Electronics	Software Engineer	Thief River Falls, MN
Juniper Networks	Software Engineer	Sunnyvale, CA
Lakeshirts Blue84	Data Analyst	Detroit Lakes, MN
Paul Bunyan Communications	Wiki Conversion Project	Bemidji, MN
Plummer Elementary School	Media Specialist	Plummer, MN
Thomson Reuters	Systems Engineer	Eagan, MN
Trinity Insight	Solutions Engineer	Byron, MN

*Degrees alone do not get students jobs. Internships, summer jobs, volunteer work, part-time jobs, work-study positions, and active participation in student organizations on campus are all ways to become more competitive in a tight job market.

Bibliography:

Annual Graduate Follow-Up Study 2017-2018. Bemidji State University, Bemidji, MN (2020)

Bemidji State University Undergraduate Catalog 2019-2020. Bemidji State University, Bemidji, MN (2020)

Occupational Outlook Handbook. U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2019)

For more information, contact Career Services; Decker Hall/218-755-2038/career@bemidjistate.edu



<https://www.bemidjistate.edu/services/career/events-guides-resources/job-listings>



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