EXPLORE. PURSUE. REALIZE.

HOOD
COLLEGE

1893

Department of
Computer Science and
Information Technology
www.hood.edu/csit

The Department of
Computer Science and Information Technology

Computer science is an exciting, evolving field, offering many promising career opportunities. By choosing to major or minor in computer science at Hood, you are choosing a college consistently ranked as one of the nation's best. The computer science program at Hood is accredited by the Computing Accreditation Commission of ABET, the global accreditor of college and university programs.

Our faculty are committed teachers and mentors who work with an innovative curriculum to teach you the foundations of computer science and state-of-the-art technologies. You will study topics in all major areas of computer science including hardware, programming languages, databases, software engineering, web development, networking, robotics, security, parallel processing and AI. You will be prepared for immediate employment, a long-term professional career or advanced studies.

You'll have access to modern classrooms, laboratory and study areas, where you'll comfortably integrate lab and lecture components. The department has a 24-hour access computer lab, equipped with 24 high-end Linux workstations; subscription access to Microsoft Dreamspark and the VMWare Academic Program gives you access to a wide range of essential applications. You'll also have the opportunity to take advantage of specialized facilities, including a virtual forensics lab and a network security lab; and as an XSEDE CC member institution, Hood gives you access to the top-ranked supercomputers across the country.

Majors, Minors and Concentrations

Majors and Concentrations

- **Computer Science** Major (B.S.)

Minors

- **Computer Science** Minor
- **Web Development** Minor

Beyond the Classroom

You will study in a vibrant department that caters to learning through classroom, extracurricular activities, internships and special projects. The College's proximity to the I-270 technology corridor, as well as Washington, D.C. and Baltimore, provides you with numerous opportunities for internships, work experiences and regular employment after graduation. CS majors are encouraged to take advantage of these types of opportunities to enhance classroom knowledge and provide real-world experience.

The undergraduate experience culminates in the senior year with a mandatory yearlong senior project. You will engage in real software development, advancing and improving your communication, team and leadership skills. Some of these projects have led previous students to professional conference presentations and papers.

Fast Facts

- Median starting salary is approximately $60,000 for bachelor's degree holders

- ABET-accredited program

- Almost 100 percent of our graduates secure positions by the end of summer of their graduation year

Our Graduates Go Places

- Hood CS graduates have obtained positions at industry and government organizations such as: NASA, Google, NSA, Leidos, NCI, Booz Allen Hamilton, NIST, Northrop Grumman, Lockheed Martin and many others

- Hood CS graduates have also pursued masters and doctoral degrees in top institutions in the US and abroad

About Hood

Founded in 1893 in Frederick, Maryland, Hood College is a coeducational, independent, liberal arts college, which offers bachelor's, master's and doctoral degrees and post-baccalaureate certificates. Home to approximately 1,200 undergraduate students from 25 states and 15 countries, Hood offers 32 majors, 50 minors, and pre-professional preparation in medicine, veterinary science, pharmacy, dentistry and law. Hood students experience small class sizes, where they receive individual attention from supportive faculty. With its proximity to Washington, D.C., Baltimore and the I-270 biotech corridor, Hood gives its students access to countless internships and research opportunities.

At Hood, we are challenging students to improve their critical thinking, communication and collaborative skills and preparing them not just for their first jobs, but for their careers. For high-achieving students, we offer a four-year honors program with a living and learning setting expanding the curriculum with an emphasis on interdisciplinary education through discussion-based seminars, collaborative projects and experiential learning opportunities. Eighty-five percent of first-year students live on campus; more than 40 campus clubs and organizations as well as 22 NCAA Division III athletic teams and two club-level athletic teams create an active and vibrant campus environment.

Hood, in addition to its exceptional undergraduate programs, also offers 19 master's degrees, 10 certificate programs and two doctoral programs. Our graduate programs are designed to work in tandem with our bachelor's degrees so that students can take advantage of five-year, dual-degree programs. Hood is located in a fantastic college town; students are within walking distance of shops, galleries and restaurants and a vibrant downtown. A tremendous alumni network offers students and graduates mentoring, connections, guidance and advice. The Princeton Review, U.S. News & World Report and many other publications have recognized Hood as an affordable top-tier institution.

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Apply: www.hood.edu/apply
Visit: www.hood.edu/visit

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