EXPLORE PROGRAMMING

WHAT IS PROGRAMMING?

If you like to problem solve and code, consider the career path as a programmer! In this career path you will code, test, and troubleshoot computer programs or applications. Software applications are used to perform many tasks such as searching for information, editing photographs, writing text, playing games, or making purchases. During a typical day, you will be in front of the computer, coding, and occasionally interacting with your team.

FREQUENT JOB TITLES

- Programmer
- Software Developer/Engineer
- Mobile Application Developer

IDEAL QUALIFICATIONS

- Enjoy problem solving challenges
- Know current and emerging technology
- Have projects in Github account
- Have programming projects that go beyond a classroom project

KEY SKILLS

- Creative and innovative
- Strong problem-solving
- Verbal and written communication
- Strong knowledge in programming languages and software applications

HIRING TIMELINE

- Employers recruit more heavily during the fall than spring semester
- Attend the Computer Science Career Fair for opportunities

COMMON EMPLOYERS

- DoIT
- Perblue
- General Mills
- American Family Insurance

RELATED STUDENT ORGS

- The Hub
- Game Design and Development
- Associating for Computing Machinery
- Association for Machine Computing-Women, UW-Madison Chapter

SUGGESTED COURSES

- Computer Science 200: Programming I
- Computer Science 301: Introduction to Data Programming

RELATED ACTIVITIES

- Attend MadHacks' Hackathon
- Join Madison Women in Tech Meetup
- Join Madison Area Software Developers Meetup Group

SUCCESS WORKS
COLLEGE OF LETTERS & SCIENCE