Minding the Gap

Academics

Employers

Career Preparation

Dream Job

Effort Needed

Personal
Moving the Bubble

- Assessing your skills and abilities
- Searching for what skills you need

Computer Programmers

Also called: Analyst Programmer, Computer Programmer, Programmer, Programmer Analyst

What they do:
Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

On the job, you would:
- Correct errors by making appropriate changes and rechecking the program to ensure that the desired results are produced.
- Conduct trial runs of programs and software applications to be sure they will produce the desired information and that the instructions are correct.
- Write, update, and maintain computer programs or software packages to handle specific jobs such as tracking inventory, storing or retrieving data, or controlling other equipment.

KNOWLEDGE

Engineering and Technology
- computers and electronics
- English language

Arts and Humanities
- Math and Science
- arithmetic, algebra, geometry, calculus, or statistics

Business
- customer service

SKILLS

Basic Skills
- reading work related information
- thinking about the pros and cons of different ways to solve a problem

Problem Solving
- noticing a problem and figuring out the best way to solve it

People and Technology Systems
- thinking about the pros and cons of different options and picking the best one
- measuring how well a system is working and how to improve it

ABILITY

Verbal
- read and understand what is written
- listen and understand what people say

Ideas and Logic
- order or arrange things
- make general rules or come up with answers from lots of detailed information

Math
- choose the right type of math to solve a problem
- add, subtract, multiply, or divide

PERSONALITY

People interested in this work like activities that include ideas, thinking, and figuring things out.

They do well at jobs that need:
- Analytical Thinking
- Attention to Detail
- Initiative

- Achievement/Effort
- Cooperation
- Adaptability/Flexibility

TECHNOLOGY

You might use software like this on the job:
- Development environment software
  - C
  - Microsoft Visual Basic
- Object or component oriented development software
  - C++
  - Python
- Web platform development software
  - Drupal
  - Spring Framework

EDUCATION

Bachelor's degree or certificate after high school usually needed

Get started on your career:

- Find Training
- Find Certifications

JOB OUTLOOK

New job opportunities are less likely in the future

SALARY
- $79,530 per year, on average

EXPLORE MORE

- Computer Network Architects
- Database Information Scientists & Technologists
- Logistics Engineers
- Validation Engineers
- Web Administrators

You might like a career in one of these industries:
- Professional, Science, & Technical
- Media & Communication
Moving the Bubble | Employers
Let’s Play a Game

• How long does an employer spend reviewing a resume before the think “fit or no fit”?  
• The percent of applicant that get interviews? 
• How long an average interview is? 
• Percent of jobs never advertised?
What Do We Do?

• One on One Consulting

• Professional Skill Building

• Create Industry/Alumni Opportunities

• Technical Experience Development
Why does this matter?

- Employment – Think often and early
- Continuing Education – Research opportunities

WATSON CLASS OF MAY 2016
SENIOR SURVEY RESULTS

GRADUATE OUTCOMES

84% POSITIVELY ENGAGED

WORKING FULLTIME 53%
ATTENDING GRADUATE SCHOOL 27%
STILL SEEKING 16%
OTHER PURSUITS 3%

98% RESPONSE RATE
How can we help Assist You?

• Watson 105

• Career Horizons

• Watson Career Connections | Bingo

• Utilize Fleishman and Watson Career and Alumni Connections (Events and Services)
  – Workshops
  – Info-Sessions

And here are just a few!
Think, Pair, Share | Activity

• Using the Presentation, Career Horizons, and Bingo Sheet:
  – Individually answer the following questions:
    • What areas do you think could benefit you the most?
    • Why would it benefit you?
    • Which 3 will you take advantage of this semester?
  – Repeat with a partner
  – Group Share
Closing the Gap

Academics

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Watson and Fleishman Assistance
What to do now?

• Explore Watson Career Connection Website
  – Sync your calendar with ours for workshops and Employer info-sessions
  – Review and use resume template. Utilize all aspects of our page.
• Plan to visit the Fleishman Center and Watson Career and Alumni Connections
  – Make appointments with Professional Staff or Student Assistants.
  – Review your resume and cover-letters.
  – Engage in career counseling and/or tutorials.
  – Verify hireBING account is complete and up to date
• Attend the Watson Transfer Student Career Workshop-August 29th
• Attend & Network at the Job & Internship Fair-Thursday, September 14th
  – Participate in events throughout Career Week (September 12-15)
• Attend Watson CAC Open House-Saturday, September 16th
• Apply for supplemental programs like Zurack Scholars and EY Trajectory
• Register for Wtsn 105 (coming soon!)
• Look for weekly newsletters from Dcain@Binghamton.edu
Our Office

• **Lindsey Sikorski**, Director  
  EB C4

• **Dan Cain**, Staff Assistant  
  EB C6

• **Meghan Carpentier**, New Student Coordinator/Program Advisor  
  EB C9

• **Student Assistants (4)**