Unit 8 Activity 4: Exploring Computer Science

Michael Colistro

1. Job : Computer Animator
2. Computer animators manipulate graphics to create the illusion of movement.
3. Most computer animators have flexible schedules. As long as they get their work done, it does not matter what hours they work. An 8-hour workday, 5 days a week, is the norm. Evening and weekend work may be required if an important deadline is approaching.
4. Classes you should take in high school are English Communications & Media Studies Mathematics Science Social Studies Visual Arts Dramatic Arts Computers Drafting & Design
5. Any movie making companies such as Dreamworks.
6. You start as a Trainee then you go to Computer Animator then a Senoir Animator then the President of a studio.
7. In this industry there is always thousands of jobs to be filled.
8. Earnings are anywhere from at least $25k as a trainee to $100k+ as a President.
9. Related Occupations are: Animator

Art Director

Artist

Cartoonist

Computer Programmer

Desktop Publisher

Film Editor

Graphic Designer

Illustrator

Medical Illustrator

Multimedia Developer

Tattoo Artist

Video Game Developer

1. Job: Computer Engineer
2. Computer engineers design and build computers and related components. There are two main types of computer engineers: hardware engineers and software engineers.
3. The pressure for speedy development translates into long working hours for most computer engineers. On average, a computer engineer works 8 to 12 hours a day.
4. Classes you should take in high school are English Algebra & Geometry Calculus Chemistry Physics Economics Business & Management Computers Electronics & Communications Technology.
5. Employeers would be any company that makes computers or software ex. Dell.
6. You start off as a Junior Computer Engineer then make your way to Engineering Manager.
7. In this industry there is always was to improve so jobs will always will be open.
8. When you first start off you make $40k then can end up with $150k+.
9. Some related occupations are : Aerospace Engineer Business Systems Analyst Chemical Engineer Civil Engineer Computer Network Specialist Computer Programmer Computer Scientist Computer Support Person Database Developer E-Business Consultant Electrical Engineer Electronics Engineering Tech Industrial Engineer Inventor Materials / Metallurgical Engineer Mathematician Mechanical Engineer Nuclear Engineer Technical Sales Representative Web Developer Webmaster