

## Career Plan

Name: Armone' Graham

### Self-Assessment (This section is filled-in during Unit 1, Lesson 2.)

**Holland Code:** aic /rci  
**Educational Goal:** Bachelor's degree

### Occupation (This section is filled-in during Unit 1, Lesson 6.)

Note: During Unit 1, Lessons 3-5, you will research and fill-in the Occupation Research sheet with three occupations that you find interesting. During Lesson 6, you will choose the most interesting of the three occupations and copy its information here.

**Occupation Title:**  
 software quality assurance analysts and testers  
 computer science/engineering  
**SOC Code:** 15-1253.00

**Why I selected this occupation:** I selected this occupation because I love to play games and learn how to code.

<b>What They Do</b>	Develop and execute software tests to identify software problems and their causes. Test system modifications to prepare for implementation. Document software and application defects using a bug tracking system and report defects to software or web developers. Create and maintain databases of known defects. May participate in software design reviews to provide input on functional requirements, operational characteristics, product designs, and schedules.
<b>Work Environment</b>	Many software developers, quality assurance analysts, and testers work in computer systems design and related services, in manufacturing, or for software publishers. They often work in offices and on teams with other software developers or quality assurance analysts and testers.
<b>Work Schedule</b>	Prospective testers can look forward to a strong work/life balance. Most jobs require the standard 40 hours per week. Some amount of overtime can be expected though as development deadlines near and unexpected bugs or technical issues are found.
<b>Education</b>	Most of these occupations require a four-year bachelor's degree, but some do not.
<b>Important Qualities</b>	Critical Thinking Programming — Speaking — Active Listening —
<b>Licenses, Certifications and Registrations</b>	not all jobs need certifications but some do require one.

## Career Plan

<b>Other Requirements</b>	A considerable amount of work-related skill, knowledge, or experience is needed for these occupations. For example, an accountant must complete four years of college and work for several years in accounting to be considered qualified
<b>Chosen State</b>	Georgia
<b>Yearly Wage</b>	High: 150,460 Low: 60,220
<b>Projected Growth (%)</b>	22% (Much faster than average)
<b>Projected Annual Job Openings</b>	In the U.S.A.: 131,400 In chosen state: 1,930

## Career Plan

### Long-Term Goals (This section is filled-in during Unit 2, Lessons 2 & 3.)

**Vision:** software quality assurance analysts and testers  
 computer science/engineering

**Career Cluster:** Information technology  
**Career Pathway:** programming and software development

<b>Goal #1:</b>	The courses I should take for this occupation are English/Language Arts III, Algebra 1, Geometry, Calculus, Trigonometry, Chemistry, Biology, Science	S.M.A.R.T.
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(Course/Pathway)	Algebra II or Pre-Calculus or Trigonometry, Chemistry, Political Science Economics by the end of the grade year.	✓
<b>Goal #2:</b> (Improve Qualities)	Some qualities I want to improve are my programming, speaking and creative & critical thinking. Some ways I could improve would be watching courses on them, reading and studying. And self teach myself.	✓
<b>Goal #3:</b>	One goal in mine is being able to get a bachelor's degree before or after 12 grade graduation.	✓
<b>Goal #4:</b>	Goal 4 should be gaining some work experience for this occupation for seven years.	✓
<b>Goal #5:</b>	My last goal could be having the determination and willpower to continue these goals.	✓

**Barriers** (This section is filled-in during Unit 2, Lesson 4.)

<b>Barrier #1:</b>	One barrier would be not having enough money or having a scholarship to keep me going.
<b>Barrier #2:</b>	Not being able to increase or improve my skills for the occupation.
<b>Barrier #3:</b>	Having personal problems coming up while learning the courses for the occupation.
<b>Barrier #4:</b>	Losing interest in the occupation.

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Long-Term Goals to Reduce Barriers		Verified S.M.A.R.T.
<b>Goal #1:</b>	Having a financial plan to have the right amount of money.	✓
<b>Goal #2:</b>	And make sure to keep your career plan up to date and on track of your interest.	✓

**Alternate Occupations** (This section is filled-in during Unit 2, Lesson 5.)

<b>Alternate Occupation #1:</b>	Video Game Designers
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**Career Plan**

<b>Alternate Occupation #2:</b>	Electrical Engineers
<b>Alternate Occupation #3:</b>	Aerospace Engineers
<b>Alternate</b>	Electrical Engineers