



**Job Title:** Programming or Robotics Counselor

**Reports To:** Technology Director

**Brief Description:** The main responsibility of all staff is the campers' safety and wellbeing -- all day, every day. TIC staff members enjoy creative independence, a stimulating and spirited atmosphere, and the camaraderie of brilliant and energetic peers. TIC Summer Camp is committed to a personal approach in all its activities. The staff makes sure that campers are given real choices, guidance in making those choices, and lots of personal attention. The job description below lists the minimum essentials. Staff members are sometimes asked to do tasks not explicitly stated here. It is expected that all staff will do whatever needs to be done for the good of the camp.

**General Requirements:**

- Energy, creativity, and patience. A love of learning and zest for life.
- A real interest in children and the desire to teach.
- Strong written and verbal communication skills.
- Friendly, tactful, diplomatic and proven customer service skills.
- Experience in teaching/coaching is a plus.
- Ability and desire to work in a stimulating, fulfilling, and sometimes silly environment while maintaining good judgment and safety.
- Availability for the entire summer, including staff training. Dates for the MD & VA sites are June 18 through August 17, 2012; DC dates are June 11 through August 10, 2012.

Acceptance of a TIC contract is a primary commitment; a second job is allowed only when it is not detrimental to job performance at TIC. TIC runs day camps in the DC area with no resident facilities; out-of-towners must find their own housing.

**Job Related Requirements:**

- Ability to teach a programming language to a camper group of varying ages.
- Must have a strong background in at least one computer language (e.g. LOGO, Visual BASIC, C, C++, Java, Python), but is able to teach campers at many levels.
- Multimedia or cross discipline skills are a plus.
- For robotics counselors, knowledge of LEGO Mindstorms NXT and/or Robot C; kinesthetic or engineering skills to help campers construct and program their robots.

**Supervisory Responsibilities:** Junior (elementary age) and Senior (secondary age) campers.

**Specific Job Duties:**

- Responsible for two groups of four campers of varying ages, acting as their teacher, friend, advocate; helping them to work as a team and develop socially.
- Works with four campers at a time on two computers, teaching programming through projects the campers define themselves.
- Helps design instruction and implements the curriculum, ensuring the TIC philosophy and spirit are maintained.
- Outputs final projects to appropriate medium (uploads to website and/or DVD/CD) at the end of each session for each camper to take home.
- Uses any unassigned time for planning, paperwork, and managing supplies.
- Writes and edits mid-session and parent reports for assigned campers.
- Maintains standards which promote the health, safety and welfare of all participants.
- Provides feedback on camp activities to immediate supervisor on a regular basis.
- If an experienced counselor, takes a lead in staff orientation and training.