
I POSITIONS AVAILABLE AT STORMING ROBOTS

- 1 - *Robotics Workshop Instructor*
 - 2 - *Robotics Workshop Assistant*
 - 3 - *Computer Science Instructor*
 - 4 - *Technical Courseware Developer/Writer*
 - 5 - *Office Clerical Work*
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II CHARACTERISTICS OF OUR WORKSHOPS AND CULTURE AT STORMING ROBOTS

- 1 - Understand How Stuffs Work" and "Problems Solving is **Cool!**" Mindset.
- 2 - All robotics classes involve applications-based projects, heavily focus on hands-on exercises and open-ended challenge. All exercises build higher order of thinking in order to perform a lot of analysis and trouble shooting. You yourself will have fun working with students on hands-on robotics projects with more in programming than building.
- 3 - Heavily emphasize on analytical, trouble shooting skills, and software programming development.
- 4 - Robotics classes involve small scale building, but focuses on mechanical functions, not just spoon-feeding.
- 5 - Professional, but casual working environment, children-friendly computer labs.
- 6 - Great fit for "outside the box" thinkers.

For Summer: Paid Lunch during summer workshops (a local Italian restaurant prepare lunch for us).

TO APPLY:

DOWNLOAD THE EMPLOYMENT APPLICATION FROM: <http://jobform.stormingrobots.com>

SEND A COMPLETED APPLICATION VIA ONE OF THE FOLLOWINGS:

EMAIL : office@stormingrobots.com

FAX: 855-595-1010

III ROBOTICS WORKSHOP INSTRUCTOR

***** DESCRIPTION *****

- 1 - Lead instructor for a class of 4 to 8 students.
- 2 - Most students are gifted and talented students from their own schools.
- 3 - May be assigned to various group based on your skills: Grade 4 to 6, Grade 7 to 8 and/or Grade 9+.
- 4 - Must feel comfortable to communicate and work with others.
- 5 - Required courseware are provided. Most use LEGO Mindstorms – Graphical or text-based RobotC.

WILL RECEIVE PAID TRAINING IF WE DEEM YOU ARE AN EXCELLENT CANDIDATE.

***** QUALIFICATIONS *****

- 1 - For lower grades: Excellent High School Credential with AP Comp Sci, and AP Calculus.
- 2 - For upper grades: Currently pursuing BS or MS major in one of the following disciplines – Mathematics, Computer Science, Computer Engineering, or other Science/Engineering Majors.
- 3 - Must have taken Intro to Computer Science or equivalent.
- 4 - Enthusiastic in math, science, technology. Must have passion in knowing how things work.
- 5 - Have programming experience in Java, C or C++.
- 6 - MUST have experience working with children for the age group which you anticipate to work with.
- 7 - Possess excellent spatial and analytical thinking skills.
- 8 - Like to take pride on your own work.

***** BIG PLUS ***:**

***** Pursuing education in Master degree with engineering/math undergraduate major.**

***** SPECIAL NOTE: STUDENTS WITH DESIRE GOING INTO EDUCATION WITH STEM FOCUS ARE HIGHLY ENCOURAGED TO APPLY. SOME OF OUR INSTRUCTORS HAVE OBTAINED THEIR EMPLOYMENT WITH SCHOOLS BASED ON THEIR EXPERIENCE AT STORMING ROBOTS.**

***** TYPICAL SCHEDULE *****

Part time in Summer (July to August)

- May choose two to eight weeks from July to August, 2015
- Mon to Fri: 8:30am to 3:30 pm

Part time during regular school terms (September to June)

- Weekly 2 to 20 hours
 - May choose from Tuesday to Sunday.
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IV ROBOTICS WORKSHOP ASSISTANT

***** DESCRIPTION *****

- 1) Assist the instructor to maximize learning for the students.
 - 2) Will receive paid training if we deem you are an excellent candidate.
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***** QUALIFICATIONS *****

- 1) 3+ High School GPA.
 - 2) Must be highly proficient in Algebra and Trigonometry.
 - 3) PLUS: with programming background
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***** GENERAL SCHEDULE *****

Same as Robotics Workshop Instructor's.

V COMPUTER SCIENCE INSTRUCTOR

*** DESCRIPTION ***

- 1) Lead instructor for a class of up to 8 students in our Algorithms in C/C++ - Level B and/or I.
- 2) Classes are instructor-led self-paced. That means, students may progress at various pace.
- 3) Will need to guide students how to write effectively and efficiently in C.
- 4) Encourage computational thinking, analysis, not trials and errors.
- 5) Must review all programs written by students. Guide them to rewrite until work is deemed efficient.
- 6) Will use the book: C Programming: A Modern Approach 2nd Edition by K.N. King - ISBN-13: 978-0393979503 . (See our [Syllabus](#) for requirement for Levels).
- 7) Will receive training if deemed as good candidate.

*** Qualifications ***

- 1) Currently pursuing BS or MS major in one of the following disciplines - Computer Science, or Computer Engineering.
 - Must demonstrate excellent programming skill with C or C++.
 - Enthusiastic, with a passion for math, science, technology
 - MUST have experience working with children somewhere between the ages of 13 and 17.
 - Possess computational and analytical thinking skills.
 - Like to take pride on your own work.

*** BIG PLUS ***:

*** Pursuing education in Master degree with engineering/math undergraduate major.

*** Special Note: Students with desire going into Education are highly encouraged to apply. Some of our instructors have obtained their employment with schools based on their experience at Storming Robots.

*** Typical Schedule ***

Part time during regular school terms (September to June)

- Weekly 2 to 20 hours
 - May choose from Tuesday to Sunday. (Based on term-based class schedule)
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VI TECHNICAL COURSEWARE WRITER – ONLINE AND/OR PUBLISHER DOC

***** DESCRIPTION *****

- 1) Responsible for working and communicating with the Director and instructors to write and edit high quality applications-based, and levels-based projects. Work will include writing, revising and improving content and alignment.
- 2) Attend to detailed work assigned by or for the director to develop an appropriate style.
- 3) Majority of work can be performed at home. Occasional meeting is required at the center in order to ensure work is on-track and meet criteria.
- 4) Will work by contract-based.

***** QUALIFICATIONS *****

FOR BOTH ONLINE AND PUBLISHER

- 1) Must possess a strong command of content knowledge, excellent writing skills.
- 2) Have Strong communication skills and ability to learn from feedback are also required.
- 3) MUST be fluent in using Microsoft Word, Publisher to create professional documents.
- 4) A self-learner and self-starter.
- 5) Require proof of work from your past experience.

FOR ONLINE WRITER:

- 1) Experience in website development is a must.
- 2) Must demonstrate good writing and organization skill.

***** PLUS *****

- 1) Strong high school Algebra and Geometry background.
- 2) Knowledge in Graphic design capabilities is a plus.
- 3) Knowledge in Computer Programming is also a plus.
- 4) Knowledge in using lucidchart.

***** Typical Schedule *****

Flexible but consistent..

May consider telecommunication ONLY with strong recommendation from your references.

VII OFFICE WORK CLERK

***** DESCRIPTION *****

- 1) General office duties such as but not limited to: keep the office organized and presented in a professional level, filing, e-mails, answering phones, etc.
Process registrations, billing, process checks, monthly reports, etc.
Facility: maintain terms calendar, hardware inventories list. Keep bulletin board organized and updated.
Communicate with customers who are parents, schools administrators, school staffs, etc.
Write up small article for Communication & Social Media: Produce short newsletter, flyers, etc.
Keep office organized.

***** QUALIFICATIONS *****

- 1) MUST be detail oriented and love to keep things organization.
- 2) Proficiency in Microsoft Office, e-mail, and feel very comfortable with using internet and social media.
- 3) Self-starter who like to applies themselves.
- 4) Effective verbal, written communication skills. Must have excellent people skills.
- 5) All applicants will be given a timed excel worksheet to verify their skills in Excel and MS Word.

***** Typical Schedule ***** - May choose one or more of the time segments (depending on availability):

In Summer (July to August)

Mon to Fri: 8:30am to 3:30 pm; and/or 3:30 to 6:00 pm
Saturdays: 1 to 4 pm

Part time during regular school terms (September to June) - *Maximum 20 hours per week.*

- ⊕ Tue to Fridays: 10am to 2pm or 4pm to 7pm
 - ⊕ Saturdays and/or Sundays: 10am to 6pm
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