
I POSITIONS AVAILABLE AT STORMING ROBOTS

- [Robotics Workshop Instructor](#)
 - [Robotics Workshop Assistant](#)
 - Computer Science Instructor
 - [Technical Courseware Developer/Writer](#)
 - [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.
 - 7) Paid Lunch during summer workshops (a local Italian restaurant prepare lunch for us).
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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

MAIL: STORMING ROBOTS, 3322 RT. 22 WEST, SUITE 1503, BRANCBURG, NJ 08876.

III

ROBOTICS WORKSHOP INSTRUCTOR

*** Description ****

- 1) Lead instructor for a class of 4 to 12 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.
 - 6) Will receive paid training if we deem you are an excellent candidate.
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*** 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 somewhere between the ages of 9+.
- 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 are highly encouraged to apply. Some of our instructors have obtained their employment with schools based on their experience at Storming Robots.

*** General 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.
 - 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
 - 7) Communicate with parents regarding class materials and technical questions, if any.
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*** Qualifications ***

- 1) Currently pursuing BS or MS major in one of the following disciplines - Computer Science, or Computer Engineering.
- 2) Must demonstrate excellent programming skill with C or C++.
- 3) Enthusiastic, with a passion for math, science, technology
- 4) MUST have experience working with children somewhere between the ages of 13 and 17.
- 5) Possess computational and analytical thinking skills.
- 6) 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.

*** General Schedule ***

Part time during regular school terms (September to June)

- Weekly 2 to 8 hours
 - May choose from Tuesday to Sunday. (Based on term-based class schedule)
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VI TECHNICAL COURSEWARE DEVELOPER/WRITER

***** 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 ******

- 1) Minimum Bachelor's Degree with 3.5+ GPA.
- 2) Must possess a strong command of content knowledge, excellent writing skills.
- 3) Have Strong communication skills and ability to learn from feedback are also required.
- 4) MUST be fluent in using Microsoft Word, Publisher to create professional documents.
- 5) A self-learner and self-starter.
- 6) Require proof of work from your past experience.

***** PLUS *****

- ⊕ Knowledge in Graphic design capabilities is a plus.
- ⊕ Knowledge in Computer Programming is also a plus.

***** General Schedule ******

Flexible.

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.
- 7) Process registrations, billing, process checks, monthly reports, etc.
- 8) Facility: maintain terms calendar, hardware inventories list. Keep bulletin board organized and updated.
- 9) Communicate with customers who are parents, schools administrators, school staffs, etc.
- 10) Write up small article for Communication & Social Media: Produce short newsletter, flyers, etc.
- 11) 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.

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

In Summer (July to August)

- 12) Mon to Fri: 8:30am to 3:30 pm; and/or 3:30 to 6:00 pm
- 13) 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