



Intern Application

Deadline to apply: May 21, 2018

This form is an application for the Summer 2018 Mobile Apps for Hartford program—a summer employment opportunity that focuses on building a mobile app for a Hartford city agency or nonprofit organization. As a member of your school's Mobile Computer Science Principles class, you are eligible to apply for this opportunity.

If accepted, you will work as a paid member of a small team developing a mobile app from the ground up. You will work with a public agency, determining their needs and developing an app solution that fits them. Along the way you will gain valuable experience working in collaboration with peers and clients, bringing a project from inception through design, refinement, testing and distribution. If this sounds like a challenge you'd enjoy, then apply for a position with Mobile Apps for Hartford.

More Information:

Mobile Apps for Hartford is a collaborative project between Trinity College, the City of Hartford, and the Connecticut Chapter of the Computer Science Teachers Association. The program's goal is to introduce high school students to the computing workforce and provide them with career skills and college readiness advice. The main activity is the development of mobile apps that meet the needs of local city agencies non-profit organizations. All apps will be developed using MIT's App Inventor for Android.

Accepted students will receive a \$800 stipend. The number of positions available for Summer 2018 will be contingent on the availability of funding. In addition, Trinity College undergraduates and former Mobile Apps for Hartford interns will assist and support the students during the summer.

The Mobile Apps for Hartford program will be held at Trinity College and will run 9am-4pm, Monday through Friday, from July 9, 2018 to August 3, 2018. Students will be expected to travel to and from Trinity College each day. In the event that transportation is not available, bus passes may be provided. When possible, lunch will also be provided.



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Eligibility

Since prior programming experience in App Inventor is required, Mobile Apps for Hartford is open to high school students who have or will have completed the Mobile CSP course (course.mobilecsp.org) by the end of 2017-2018 academic year. It is open to students who are interested in all career fields. Those interested in STEM (Science, Technology, Engineering, and Mathematics) fields are especially encouraged to apply.

The attached recommendation form must be completed by the student's Mobile CSP instructor. An additional teacher recommendation form may be completed by another teacher that has taught the student this academic year, but it is not required.

Application Process

Please completely fill out the attached student application form and include with it a completed and signed recommendation from your Mobile CSP instructor, and if desired, a completed and signed teacher recommendation form from one additional teacher. Also include a link/URL to your Create Performance Task #2 project that was created using MIT's App Inventor for Android. The app you submit will be run on an Android device and examined by the application reviewers. You may include a resume, but it is not necessary to do so.

Applications will be accepted until the May 21, 2018 deadline. Completed applications may be submitted by mail if postmarked by May 19, 2018 or they may be submitted electronically via e-mail.

Acceptances will be sent out by June 4, 2018.

Return completed applications to: plakealm@gmail.com

Contact Information (For any questions):

Pauline Lake, Program Director
plakealm@gmail.com

Ralph Morelli, Principal Investigator
Ralph.morelli@trincoll.edu

Parent/Guardian Information:

Full Name: _____

Phone number: (____)____-____

Email: _____

Address: _____



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Student Information:

Full Name: _____ Phone number: _____

Email: _____

Gender: M ___ F ___

Race/Ethnicity: _____

Address: _____

School: _____ Entering grade: _____

Intended Career Field: _____

Do you plan to attend college? Yes ___ No ___ Maybe ___

Portfolio URL for your best App Inventor app (please use bitly.com to shorten your url):

Have you taken any Computer Science course besides the Mobile CSP? If yes, please explain.

How would you categorize yourself? Programmer ___ Designer ___ Both ___

Why do you wish to participate in this project? (Attach another page, if necessary)

Rate the following statements:

	Strongly Disagree		Neutral		Strongly Agree
	1	2	3	4	5
I enjoy working in groups.					
I like to take the lead role when working in a group.	1	2	3	4	5

Statement: I have completed this application form to the best of my ability and declare that the information provided above is true and correct. I acknowledge that I am available July 9 - Aug 3.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Mobile CSP Teacher Recommendation Form (Required)

Teacher Information:

Name: _____ School: _____

Phone number: _____ Email: _____



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Student Information:

_____ was a student of this year in my Mobile CSP course.

The final grade that he/she received (or is projected to receive) in my course is: _____.

**Please give brief, but detailed, answers to the following questions about the student.
(Attach another page, if necessary.)**

Social Skills:

- Does the student work well when working in pairs? in a group? Explain.
- Does the student work well with students of the opposite gender? Explain.

Problem-Solving Skills:

- Is the student a good independent problem solver? Provide an example.
- Does the student persist when confronted with bugs or complex problems? Has the student been successful? Provide an example.

Programming Skills:

- How would you rate the student's programming skills? High____ Med ____ Low ____
- Does the student demonstrate knowledge and success with App Inventor that in your experience is above average? Yes ____ No ____ Maybe ____
- Do you think the student will be able to complete code that meets the client's goals and pleases the client? Yes ____ No ____ Maybe ____

Additional Comments: (Attach another page, if necessary)

Statement: I have completed this recommendation form to the best of my ability and declare that the information provided above is true and correct.

Signature: _____ Date: _____



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Additional Teacher Recommendation Form (Optional)

Teacher Information:

Name: _____ School: _____

Phone number: _____ Email: _____

Student Information:

_____ was a student of mine within the past year when they took _____.

The final grade that he/she received (or is projected to receive) in my course is: _____.

**Please give brief, but detailed, answers to the following questions about the student.
(Attach another page, if necessary.)**

Social Skills:

- Does the student work well when working in pairs? in a group? Explain.
- Does the student work well with students of the opposite gender? Explain.

Problem-Solving Skills:

- Is the student a good independent problem solver? Provide an example.
- Does the student persist when confronted with complex problems? Has the student been successful? Provide an example.

Additional Comments: (Attach another page, if necessary)

Statement: I have completed this recommendation form to the best of my ability and declare that the information provided above is true and correct.

Signature: _____ Date: _____