



2020 HIGH SCHOOL COMPUTING PROGRAM



Program Information

The High School Computing Program is the signature STEM program offered for Middle and High School students by the BDPA New Jersey Chapter at *Bloomfield College*, and has been offered to youth from the surrounding communities since the 1980s. We welcome the participation of students from 7th – 12th grades. The program is held on Saturday morning from 10:00AM to 1:00PM starting February 2020 until the end of June 2020 at the Bloomfield College computer lab located at 2 Broad Street, 2nd Floor, Bloomfield, NJ 07003. Please reference the calendar on the following page for program dates.

Students initially participate in a 4 week introductory computer science curriculum based upon Python MC that will enable them to develop the skills to create applications within a team environment. After the introductory program, students will learn how to create more complex applications, and have the opportunity to test their skills through participation in field trips, and local and regional hackathon events.

Our program is student-centered and hands on. Sessions are facilitated by our Program Coordinator, and Peer Coaches who are current students at Bloomfield College majoring in computer science. In addition, guest speakers will include entrepreneurs who have created their own apps and industry professionals who will discuss current industry trends.

Five (5) students will be selected in May to represent the New Jersey chapter at the Annual Coding Competition in August based upon criteria such as: attendance, active participation, quality of coding skills, and the ability to work well within a team setting. The months of July and August are used to prepare the team for the Annual Coding Competition scheduled for August 20th – August 22nd in Atlanta, GA.

The cost to participation cost for the 2020 session is \$75 per student. Families with more than one student participating, pay an additional \$25 for each additional student. These funds are used to cover program costs. No profit is made. All staff are volunteers. Payment is due at the time of registration and can be made online on the BDPA New Jersey website under the HSCC section. **If registration is not received by the second session, your student will not be able to continue to participate in the program until payment is received.** In addition, each student must register as a student member with the National BDPA organization. The cost of the student membership is \$25 and can be paid directly on the bdpa.org website.



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Feb 2020						
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	23	25	26	27	28	29

Mar 2020						
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29	30	31				

Apr 2020						
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May 2020						
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31						

Jun 2020						
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28	29	30				

Jul 2020						
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Last Day of Official Program is June 27

Aug 2020						
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26	27	28	29	30	31	

Important dates:

The program will meet from 10:00AM – 1:00PM at the Bloomfield College Computer Lab located at 2 Broad Street, 2nd Floor, Bloomfield, NJ location on Saturday.

Open
Closed
BDPA National Conference & Career Fair (Atlanta, GA)
Competition Team Training

Contacts:

Name	Email	Phone
Maurice Willoughby (Program Coordinator)	bdpanjhsc@gmail.com	904-451-8421
Renso Hernandez (Senior Peer Coach)	rensojunior1@hotmail.com	



2020 HIGH SCHOOL COMPUTING PROGRAM



BDPA NJ Youth Programs HIGH SCHOOL COMPUTER CAMP (HSCC) PARENTAL PERMISSION FORM

Cost to Participate: \$75/child, payable to BDPA New Jersey Chapter,
Each Additional Child \$25

2020

Please note that younger students who are not in high school will be released to their parents or another adult identified by their parents or guardian.

Participant Name: _____ **Birth date:** _____

I give permission for my child to attend the HSCC Program sponsored by BDPA of New Jersey.

Signature of Parent or Legal Guardian Printed name of Parent or Guardian Date

Activity Release

I further give permission for my child to participate in all supervised activities except as noted:

Signature of Parent or Legal Guardian Printed name of Parent or Guardian Date



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Release of Activity Liability Statement

I hereby release BDPA of New Jersey from the responsibility of any liability involving injury or accident to my child participating in the activity listed above on the given date listed. I as the parent or guardian of the participant listed above, hereby release BDPA of New Jersey from the accident or injury causing circumstances and will accept full responsibility for my child's actions.

Signature of Parent or Legal Guardian

Printed name of Parent or Guardian

Date

EMERGENCY CONTACT INFORMATION

Parent/Guardian

Name(s)

Street Address

City State Zip

Phone Numbers

Phone Type
(Home, Mobile, etc.)

Phone Numbers

Phone Type
(Home, Mobile, etc.)