

HackJA: A Hackathon Event

After a successful first-ever HackJA held in October 2017 in partnership with Major League Hacking (MLH), JANJ is hosting another one-of-its-kind event on April 27, 2018 designed for high school students, by high school students. Over a 24-hour period, small teams of high school students will be assigned computer science and IT tasks and challenges. They will also participate in workshops and meet with mentors from various companies and STEM careers to build important skills around topics including programming, coding, and cybersecurity. Link to [video](#).

Fall 2017 Student Impact:

- **85** high school boys and girls participated
- Varying levels of expertise, introducing girls (and boys) to code
- **2,040** total instructional contact hours (27 per student)

Spring 2018 Goals:

- **150** high school students
- Increase girls' participation in the event
- **4,050** total instructional contact hours (24 per student)

Why a Hackathon?

- Inspires creativity and innovation to fulfill a need
- Educational and professional development
- Exposes young people to career opportunities and pathways in IT, coding, cybersecurity, and more

"I've never done anything related to coding or the STEM field so I thought that this hackathon would be a great way to introduce myself to the field and to learn about coding."

– Simran, East Brunswick High School



Sample Agenda:

Friday, April 27, 2018

- 4pm Registration
- 5pm Welcome & Kick-Off
- 6pm Career Panel & Challenge Reveal
- 6:30pm Networking Dinner
- (ongoing) Challenge Projects
- MLH Hardware Lab (ex. Samsung Gear VR, a virtual reality headset)

Saturday, April 28, 2018

- 9am STEM & Cybersecurity Workshops
- 2pm Project Presentations & Awards

HackJA Mentor & Sponsorship Opportunities

JA is seeking skills-based mentors and underwriters to support HackJA. Help us expose more young people to STEM careers, specifically in the world of IT and cybersecurity, and gain the skills necessary for success in this industry.



Mentor Opportunities: Share your world of work and be a skills-based mentor to high school students as they address a social need through their challenge projects. JA is seeking mentors with the following backgrounds:

- ✓ **Programming / Coding / Development:** The act of writing code, which is what makes everything work – web sites, apps, electronics, etc. – including knowledge of C, C++, Java, HTML, CSS, JavaScript, Python, R, Ruby, & C#.
 - **Web Development:** Writing code to make websites.
 - **Software Engineering:** Writing code to make any kind of software.
- ✓ **Cybersecurity:** Introduce the world of cybersecurity and its abundance of career opportunities, best practices, and tools to make websites and information secure, including intrusion detection, proactive cybersecurity, assessing and responding to vulnerabilities, creating firewalls, network monitoring, and endpoint protection.

How to get involved: Spend two hours or more mentoring NJ's young people.

Friday: Attend the networking dinner and share your career, pathway, and world of work

Saturday: Share best practices with students as they complete their challenge projects



Sponsorships:

Lead Sponsor: \$10,000
 Programmer: \$5,000
 Supporter: \$2,500

| | Major Branding | Workshop Facilitator | Other Speaking Opps | Mentors | Social Media |
|------------------------|----------------|----------------------|---------------------|---------|--------------|
| Lead Sponsor: \$10,000 | X | X | X | X | X |
| Programmer: \$5,000 | X | X | | X | X |
| Supporter: \$2,500 | X | | | X | X |