Ivana Karcelova

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EDUCATION

Rutgers Preparatory School *September 2016 – June 2020*
Senior
Questbridge Program *April 2019 – Present*
College Prep Scholar & National College Match Finalist
New Jersey SEEDS Program *June 2015 – August 2015*
Scholar

STEM EXPERIENCE

The Agency – *school marketing team at Rutgers Preparatory School* **Somerset, NJ**
Agent and Marketer *September 2019 – Present*
- Acting liaison between the communications department and the students
- Actively working on a "Humans of RPS" project

Rutgers Prep's *ArgoOut App* – *app designed to allow students to sign out of study hall* **Somerset, NJ**
Lead Developer and User Interface Designer *September 2017 – Present*
- Designed for my school's community
- Actively use Swift and Xcode

Trip of a Lifetime – *nonprofit that empowers underprivileged students through summer travel trips* **New York, NY**
Intern *June 2018 – Present*
- Designed the User Interface and improved the functionality of the nonprofit's website
- Expanded upon the program's outreach programs

#BUILTBYGIRLS – *mentorship program for Women in STEM* **New York, NY**
Mentee *September 2017 – Present*
- Frequently meet with mentors to discuss and develop business ideas
- Developed my first professional website and profile
- Work with advisors at companies such as Spotify, Uber, and Squarespace

Junior Academy (New York STEM Alliance) – *online STEM academy* **New York, NY**
Bicentennial Ambassador & Member *June 2017 – Present*
- Actively take part in challenges regarding World-Wide issues with STEM
- Developed a sustainable and inexpensive grey water filter for underdeveloped regions
- Make frequent posts about the New York STEM Alliance projects on my social platforms

Kode with Klossy – *Computer Science program* **New York, NY**
Scholarship Recipient *August 2018 – August 2018*
- Participated in a two-week long Computer Science program
- Learned the Swift coding language and developed iOS apps
- Developed upon my skills with Xcode and UI Design

Girls Who Code – *Computer Science program* **North Brunswick, NJ**
Club Participant *September 2017 – June 2018*
- Learned HTML, CSS, and JavaScript
- Participated in weekly meetings
- Developed a Criminal Injustice website

AWARDS & HONORS

NCWIT Honorable Mention – *National Center for Women and Information Technology* *May 2018 & May 2019*
- Awarded for excellence in Computer Science

Spark! Inclusion in Tech – *Techtogether Boston* *March 2019*
- Awarded a prize for developing an iOS app that was inclusive
- Developed an iOS app in under 36 hours

MathWorks Best Use of Data Hack – *Techtogether Boston* *March 2019*
- Awarded a prize for developing an iOS app with an implemented database

SIAP (Social Impact Action Pledge) Project Award – *Junior Academy* *June 2018*
- Awarded a prize in recognition of the Social Impact Action Pledge
- Compiled and developed a video about the journey of creating a grey water filtration system
- One of two groups awarded

Honor Roll – *Rutgers Preparatory School*   *June 2018 & June 2019*
- Awarded for completing Sophomore and Junior Year with all grades above a B

LEADERSHIP

Vice President **of the GEM Club (Gender Equality Movement Club)**   *September 2017 – Present*
- Plan, manage, and direct meetings
- Assist in directing the Instagram page
- Hosted a "Denim Day" fundraiser, and raised over $300 in honor of Sexual Assault Awareness Month

Business Owner **of ArtByIvanaK on Society6 and Depop**   *September 2019 – Present*
- Sell prints of my paintings and artwork to customers online
- Manage and run social media pages to promote my work

Features & Technology Editor **of the "The Argo" at Rutgers Preparatory School**   *September 2016 – Present*
- Upload articles from the school newspaper to our public server
- Edit my peers' articles
- Updated the user interface of the website

President **of the Computing Club**   *September 2019 – Present*
- Hold meetings to teach students about computing
- Recruit girls in the Upper School to join STEM related clubs
- Host Rutgers Prep's annual Hour of Code event

President **of the French Club**   *September 2018 – Present*
- Hold meetings to teach students about the French language
- Host frequent French themed bake sales

Delegate and Upperclassman Representative **of Model UN**   *February 2018 – Present*
- Debate about conflicts concerning international relations
- Guide and prepare upperclassmen for the conference
- Attend the North American Invitational Model United Nations (NAIMUN) in Washington D.C.

Teacher's Assistant at **Europe Schools (Училища ЕВРОПА)**   *July 2018 – August 2019*
- Prepared a group of Bulgarian high schoolers to take the Cambridge Language Exam in English
- Taught students test taking skills for exams

Tutor **of Study Zone at First Reformed Church (South River)**   *September 2017 – June 2018*
- Tutored students from low income backgrounds
- Taught math and science subjects

SKILLS

- Mastery of Microsoft Office (Word, PowerPoint, Excel, Outlook), Windows Movie Maker; Notes, Keynote, iMovie
- Programming Proficiency: Java, JavaScript, HTML, CSS, and Swift
- Language Proficiency: Bulgarian, English, French (Limited Working)