

# Jacob Gerega

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## EDUCATION:

**Stevens Institute of Technology**, Hoboken, NJ

Bachelor of Science in Computer Science

Expected May 2023

**GPA:** 3.14 **Awards:** Edwin A. Stevens Scholarship

**Coursework:** Discrete Structures, Data Structures, Algorithms, Automata and Computation, Computer Organization and Programming, Systems Programming, Software Development Process, Programming Languages, Project Management, Introduction to Computer Science, Introduction to Web Development

**Abington Heights High School**, Clarks Summit, PA

Graduated June 2019

**GPA:** 3.7 **Awards:** 3x Russian Olympiada Medals

**Coursework:** Introduction to Computer Science, AP Computer Science, Honors Mobile App Development

## SKILLS:

**Languages:** Java, Python, Racket, Dart, HTML, JS, CSS, C++, C, Ocaml, Bash, XML

**Software/Frameworks:** Firebase, Google Cloud, Flutter, IntelliJ, Android Studio, DrRacket, Visual Studio Code, Linux, Windows, Microsoft Office

**Spoken Languages:** Russian (4 years)

## PROJECTS/

## EXPERIENCE:

**openchat**

September 2019 - December 2019

- Reflected on the shortcomings of the previous project and utilized them to draft new requirements for a cross platform social media app.
- Learned the Flutter framework and Dart language within a matter of weeks in order to streamline the design process.
- Utilized Material and Cupertino design guidelines to begin implementing a minimal interface for both Android and iOS devices.

**iHaha**, Mobile App Development Final Project

January 2019 - July 2019

- Drafted design document for an Android mobile app according to set requirements, then researched Google Firebase and implemented a fully functional social media service.
- Designed a clean and satisfying interface and implemented in XML.

**Personal Website**

January 2021 - Present

- Designed a personal website based around my resume and other personal details.
- Implemented using HTML, CSS, and Bootstrap 5 and font libraries such as FontAwesome.

**ecophilium**, Web Development Project

September 2019 - December 2019

- Worked with three other students to create an interactive website using HTML, CSS, and JS in order to display different parts of the world and the problems they face.

**COVID Checklist**, DuckHacks for Social Good

August 2020

- Collaborated with a friend to design and build an efficient, all in one COVID-19 awareness Android application.
- Utilized Google Firebase to implement a chat room where people can talk together during the ongoing global pandemic.

## CLUBS:

**Stevens Institute of Technology**, Hoboken, NJ

Stevens Computer Science Club

September 2019 - Present

**Abington Heights High School**, Clarks Summit, PA

Computer Club

September 2017 - June 2019

- Salvaged parts from broken or old computers and built into working computers, then donated to families in need.