

# Robert Kim

- <https://robertkim.io>
- [me@robertkim.io](mailto:me@robertkim.io)
- [github.com/rkty13](https://github.com/rkty13)

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## Education

### New York University

Sep. 2016 - Present  
Pursuing B.S. in Computer Science, Class of 2020

Cumulative GPA: 3.83/4.00

Selected GPA: 3.95/4.00

#### Selected Coursework:

- Data Structures and Algorithms
- Object Oriented Programming
- Discrete Mathematics
- Calculus II for Engineers

### Bergen County Academies

Sep. 2012 - Jun. 2016  
Academy for Technology and Computer Science, Class of 2016

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## Skills

#### Languages:

- **Proficient** - JavaScript (ES6), Python, SQL, HTML, CSS
- **Familiar** - C++, PHP, Java, Bash

#### Technologies:

- **Proficient** - React.js, Node.js, Express.js, Passport.js, Flask, Git
- **Familiar** - Webpack, Babel, Sass, MongoDB, Nginx

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## Interests

- Clarinet
- Listening to Music
- Finance

## Projects *See robertkim.io or github.com/rkty13 for more information.*

### matrox

Oct. 2016 - Present

- Linear algebra library currently capable of matrix operations, factorizations, and Gaussian elimination.
- **Uses:** Python

### hackBCA II/III Website

Jan. 2015 - Jun. 2016

- Website and backend staff tools for hackBCA.
- **Uses:** Flask, MongoDB, Twilio API, Sass, jQuery, Sendgrid API.

### PiGit IronHacks (12 Hrs.) - 1<sup>st</sup> place overall

Feb. 2015

- Local git server and interface hosted on Raspberry Pi for hackathons.
- **Uses:** Flask, Git, Raspberry Pi.

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## Experience

### Head of Engineering at Bask

Apr. 2017 - Present

- Building a product to create the modern office hours.
- Developing features to integrate Bask with Learning Management Systems.

### Undergraduate Research Assistant at NYU

Feb. 2017 - Aug. 2017

- Worked on Professor Oded Nov's Human Computer Interaction and Personal Genomics Exploration project.
- Created conditions to see the effect of decision making in highly complex and uncertain situations.

### Director of Technology for hackBCA

Dec. 2013 - Jun. 2016

- Designed and created the hackBCA II & III website with login/registration features as well as internal tools for staff/volunteers.
- Organized one of the largest annual high school hackathons.

### Programming Intern at Perry Capital

Sep. 2015 - May 2016

- Worked with MSSQL Functions and Stored Procedures to get data for Form PF reports.
- Gained knowledge in the field of finance and investing, specifically in the equity and bond markets.

### Software Engineering Intern at Medialets

Jun. 2015 - Aug. 2015

- Created a dashboard for employees to view internal metrics.
- Gained experience with data visualization using the d3.js library.
- Created SQL queries using SQLAlchemy for aggregating data.

### Web Development Intern at Black Lapel

Jul. 2014 - Aug. 2014

- Created redesigns and maintained legacy code of Black Lapel's website.
- Became proficient with HTML, CSS and Javascript.

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## Activities

### BCA Computer Security Team

Jan. 2015 - Jun. 2016

- Competed in online cybersecurity competitions, or "Capture The Flags".

### NY Youth Symphony Chamber Program

Oct. 2012 - May 2016

- 1<sup>st</sup> chair B flat clarinetist in the Traumeri Youth Clarinet Ensemble.