

Karen Ramada  
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Portfolio: karenzramada.com

## **Resume Summary**

Insightful computer science student who excels at Java and Python. Seeking a software engineering internship at ASML. Will finish Junior year in May. Maintained a 4.0 average in core Python and Java classes. Won the TopCoder coding challenge in Java in February 2020 and the Coderbyte programming challenge in March of 2020.

## **Education**

### **Hunter College**

BS in Computer Science  
Graduation Date: June 2020  
GPA: 3.8/4.0

### **Relevant Coursework**

- Programming: Java, Python, C
- Computer Science: databases, software engineering, data structures, data mining

### **School Projects**

- Built and led a team of 6 computer science students to develop a new geolocation app that received the Peter. P. Evans Award for Computer Science.
- Developed a mobile app in Java for finding lost, chipped pets that achieved 3,200+ downloads on Google Play. To date it has reunited 1500+ pets with their owners.
- Created an online calculator using Java that was runner-up in the 2020 school coding competition

### **Extracurricular Activities**

- Penned monthly articles about Java and Python for the student blog.
- Member, student programming group.

## **Relevant Experience**

Programming Intern  
Curious Key Software, New York, NY  
June–July 2019

- Debugged 100 lines of code per day in Java.
- Beat average debugging speed for company interns by 48%.
- Commended by supervisor for attention to detail.

Programming Intern  
Intellibars Global, New York, NY  
June–August 2018

- Wrote an average of 10 lines of code per day for a SaaS web app in Python.
- Collaborated with team of 8 programmers in a paired programming arrangement to raise efficiency by 28%.

## Personal Projects

*(See my full portfolio at [karenzramada.com](http://karenzramada.com))*

- **Text-Based MUD Adventure Game.** Wrote a text-based adventure game in Python that has 450+ players and growing. Game has 250 regions and 40,000 lines of text.
- **Sports Simulator.** Used Ruby to write a football simulator that maps game scores to a normal distribution curve and tracks offensive and defensive stats.
- **Web Scraping App.** Created a web-scraping app in PHP that scrapes movie data from RottenTomatoes and delivers finished lists of best movies to watch in each genre.
- **SaaS Web App.** Created a web app in PHP that delivers finished, beautiful resumes based on user inputs, including PDF computer science internship resumes from templates.

## Skills

- **Languages:** Python, Java, C, Ruby
- **Technical Skills:** software engineering, databases, data mining, data structures, machine learning

## Awards

- Peter P. Evans Award for Computer Science
- Runner up, Hunter College Coding Challenge 2020
- First Place, TopCoder Coding Challenge, February 2020
- First Place, Coderbyte Coding Challenge, March 2020

## Additional Activities

- Member, IEEE
- Volunteer 2x per month to help manage blood drives for American Red Cross.