

# Gianna Miggins

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## EDUCATION

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

M.E. Applied Artificial Intelligence – **3.8/4.0** – May 2022 • B.E. Software Engineering – **3.74/4.0** – May 2021

**Related Coursework:** Discrete Mathematics, Engineering Design, Engineering Graphics, Quantitative Finance, Modeling and Simulation, Object Oriented Software, Engineering Economics, Cost Estimation and Metrics

**Awards:** Dean's List, Order of Omega Greek Leadership Honor Society

## SKILLS

**Software:** AWS, Python, Java, HTML, CSS, JavaScript, SQL, Flutter/Dart, Arduino, SolidWorks, Jira

## INDUSTRY EXPERIENCE

**Pare** | New York, NY

*Pare provides personalized recommendations for new bars, restaurants, and cafes based on places you already love.*

Software Engineering Intern

August 2020 - Present

- Pare was recognized in the top 10% of 16K YCombinator applicants for Winter 2020 startup incubation cohort
- Designed 6 new features to promote user retention by 24% per month and new user signups by 25% per month
- Implemented an app-wide frontend redesign across 21 screens based on user feedback from 40 weekly interviews
- Assembled a 3 step workflow for the user verification feature utilizing Amazon Web Services and Flutter/Dart

**IT Department** | Stevens Institute of Technology

Lab Technician and IT Support Specialist

January 2020 – Present

- Assist students and professors with any technology related concerns through remote support sessions and in person office visits
- Host, monitor, and ensure security of webinars held for the University by the president, provost, or other leaders
- Research and keep up to date with the newest advancements in AR and VR technology by attending 4 webinars and 3 workshops to make recommendations for the future growth of the lab

**Equinox** | New York, NY

Data Engineering Intern

June 2019 – January 2020

- Designed and created a visual dashboard to present progress and failures for 700+ of daily jobs being run
- Worked with 10 large sets of data to analyze trends and discovered the top 3 projects that needed more attention
- Coded in Python and SQL while working with a team of 7 in an agile environment over 16 weeks

**Code Advantage** | Hoboken, NJ

Lead Course Instructor

September 2017 – June 2018

- Developed lesson plans from given outlines to teach fourth and fifth graders the fundamentals of coding through classroom settings as well as 3 weekly one-on-one tutoring sessions
- Created a safe environment in the classroom for 20+ students to learn and have fun

## LEADERSHIP EXPERIENCE

**Vice President Community Relations** | Alpha Phi International Fraternity

January 2020 – January 2021

- Organized annual Women's Heart Health Week of events to raise funds and awareness through hands on activities
- Raised over \$3,000 for Women's Heart Health by implementing 4 new events and increasing campus involvement

**Peer Leader/Orientation Leader** | Stevens Institute of Technology

August 2019 – Present

- Guided 18 freshmen through orientation and their first semester at Stevens by conducting tours, facilitating monthly discussions, and meeting one-on-one with 3 students to discuss how they are adapting to college life
- Attended 5 leadership workshops, 2 self exploration days, and 8 trainings on handling mental health concerns

**Admissions Ambassador** | Stevens Institute of Technology

March 2018 – Present

- Represent the Software Engineering program and answered questions from prospective students and parents on 4 tour days and 2 annual admitted students weekends

## ACADEMIC PROJECTS

found at [github.com/giannamiggins](https://github.com/giannamiggins)

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

"Focus the Hedgehog" Discord Bot

Spring 2020

- Developed an automated, customizable chat bot using Python to keep 15 users focused and aware of their health
- Surveyed 15 users to gain insight on potential adjustments and updates to make the bot more accessible and useful

GEDCOM file reader

Spring 2020

- Parsed a GEDCOM family tree file using Python to ensure data completion and accuracy
- Worked in the agile methodology by implementing 15 weekly sprints