

# Gina Roh

nnjh12@gmail.com | (215) 470-4558 | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## SUMMARY

---

- **Accomplished Full-Stack Developer** with extensive experience in front-end and back-end development using HTML5, CSS, JavaScript, React, Node.js, and MongoDB
- **Proficient in machine learning principles** with Python, Tensorflow, Pytorch, and Scikit-learn
- **Proven track record in academic excellence and mentoring**
- **U.S. Permanent Resident**

## SKILLS

---

- **Programming Languages:** Python, JavaScript, Java, Swift, Haskell, Racket, C/C++
- **Full-Stack Development:** HTML, CSS, React, MongoDB, MySQL, Firebase, Git
- **Machine Learning:** TensorFlow, Pytorch, Scikit-learn, Numpy

## EDUCATION

---

*Master of Science in Computer Science* (GPA: 3.9/4.0) 08/2021 – 05/2024  
Syracuse University, Syracuse, NY

- Award: Merit scholarship, Teaching Assistantship, Clements Internship Awards

*Bachelor of Science in Human Ecology* 03/2006 – 02/2011  
Yonsei University, Seoul, South Korea

- Majors in Human Environment & Design and Clothing & Textiles

## PROJECTS

---

[iOS App: TimeCracker](#) 01/2023 – Present

- Developed an iOS app for recording, tracking, and summarizing daily activities using Swift
- Integrated Firebase for real-time data storage and utilized Firebase authentication for user management.
- Recognized with *the Mark and Pearle Clements Internship Award*.

[Citation number prediction/classification using ML](#) 09/2023 – 12/2023

- Designed and developed ML algorithms including Nearest Neighbor, Neural Network, Linear/Logistic Regression, Random Forest, and Adaboost using Python, TensorFlow, Scikit-learn.

[Artificial Intelligence in Tic-tac-toe](#) 10/2021 – 04/2022

- Developed Monte Carlo Tree Search (MCTS) and Neural Network for the child selection step to estimate utility values in place of Q values.
- Utilized Python, NumPy, PyTorch.

[BookmarkKIT](#) 11/2019 – 05/2020

- Developed an efficient bookmark organization system with tag and search features.
- Utilized HTML, JavaScript, React and MongoDB.

---

### QueerWed

01/2019 – 07/2019

- Developed a wedding planner app for LGBTQIA+ to connect businesses with costumers.
- Led front/back-end development for web application, register system including users and search for vendors using HTML, JavaScript, Bootstrap, ReactJS, and MongoDB.

---

### FETCHR

01/2019 – 07/2019

- Developed a best-breed match app for adopt animals.
- Led front/back-end development for user registration and visualization of adoptable dogs using HTML, JavaScript, Bootstrap, ReactJS, MongoDB.

---

### Clicky Game

01/2019 – 07/2019

- Developed a game where users click on faces until all faces have been clicked once using HTML, JavaScript, CSS, ReactJS.

---

### Crystal Collector

01/2019 – 07/2019

- Developed a game where users click on crystals to reach a target number using HTML, JavaScript, CSS.

---

### Trivia Game

01/2019 – 07/2019

- Developed a sports trivia game using HTML, JavaScript, CSS.

---

## WORK EXPERIENCE

---

### *Teaching Assistant, Syracuse University, Syracuse, NY*

01/2023 – 05/2024

- Mentored individuals in functional programming language and problem-solving strategies.
- Assisted students with debugging projects and resolving Git issues.
- Advised students to understand programming, and discrete mathematics concepts

---

### *Assistant Fashion Buyer for Tommy Hilfiger and American Eagle, SK Networks, Seoul, Korea*

01/2011 – 06/2015

- Analyzed sales data and curated product mixes with a budget of \$0.5M annually.
- Tailored the initial product mix of American Eagle for the Korean market.
- Successfully launched American Eagle in the Korean market.

---

## CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

---

### *Full Stack Web Development Boot Camp (A Certificate of Completion)*

01/2019 – 07/2019

University of Pennsylvania LPS Coding Boot Camp, Philadelphia, PA

- Acquired proficiency in essential full stack web development technologies.
- Demonstrated expertise in crafting scalable web applications and APIs.

---

## SCHOLARSHIPS AND AWARDS

- Merit Scholarship 08/2021 – 07/2022
- Teaching Assistantship 08/2022 – 05/2024
- Mark and Pearle Clements Internship Award 05/2023