Gary Peng

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Education

Georgia Institute of Technology **2020 – 2024**
BS, Computer Science, GPA 4.0/4.0 *Atlanta, GA*
Relevant Courses: Object-Oriented Programming, Data Structures & Algorithms, Objects and Design, Computer Organization & Programing, Applied Combinatorics, Discrete Math, Linear Algebra, Multivariable Calculus

Experience

NCR Corporation **May 2021**
Incoming Software Engineering Intern

Leonardo DRS Daylight Solutions **August 2019 - January 2020**
Intern *San Diego, CA*
- Engineered a laser-based system to identify the molecular makeup of gas samples.
- Utilized Python to develop a desktop application for automatic laser control.
- Built C++ firmware for microcontrollers.

Pryntabo **January 2018 – July 2020**
Founder *San Diego, CA*
- Developed and commercialized innovative 3D printed products.
- Over 600 units sold. Customers in more than 10 countries.
- Ran 2 successful crowdfunding campaigns. One campaign was selected by Kickstarter staff to be featured on the front page.

Skills

Programming Languages: Java, Python, JavaScript, C++, HTML/CSS
Frameworks/libraries: React, Node.js, Express, Flask, Android Studio
Other: 3D printing, CAD, PCB design, soldering, Mandarin (fluent)

Projects

oncoIQ *Python, JavaScript, HTML/CSS | React, Flask, SQLite, FastAI, PyTorch, Bootstrap*
Using AI image recognition to help pathologists make diagnoses

Grocery Grab *Java | Android Studio, ARCore, NCR Cloud & API*
Reimagining retail shopping with pathfinding, mobile checkout, and Augmented Reality in the COVID era.
A mobile app that minimizes interpersonal contact and time in store, ensuring more safe customers.

Georgia Tech Meal Planner *JavaScript, HTML/CSS | React, Node.js, Express, Bootstrap*
Get the current menu from Georgia Tech dining halls. Meal plan with the dietary restriction filter and calorie calculator.

Bubbl *Java | Android Studio*
A noninvasive approach to COVID contact tracing using a hassle-free social networking app that prioritizes private group connections between workers or students.

Leadership

Startup Exchange **January 2021 - Present**
Executive Board *Atlanta, GA*
- The largest student-led entrepreneurial community at Georgia Tech
- Responsible for reaching out to individuals in the venture capital and startup space to build beneficial relationships.

Super Hack **March 2019 - June 2020**
Sponsorship Lead *San Diego, CA*
- Organized San Diego's premier high school hackathon with a team of 5.
- Over 400 signups and $10,000 in prizes.
- Acquired sponsors and communicated with the budget division to manage funds for the event.
- Created workshops to teach the basics of machine learning.

Awards

1st Place at HackGT 7 ($4,000)
Emory University & Georgia Tech Hack COVID-19 Finalist ($1,500)
2019 Hackaday Prize Best Benchmark ($10,000)
2019 SeaWorld & Busch Gardens Youth Entrepreneurial Award ($1,000)