Gary Peng

gpeng8@gatech.edu | (858) 201-9054 | linkedin.com/in/garyhpeng | github.com/gary-peng | garypeng.com

Education	**Georgia Institute of Technology**	**2020 – 2024**
	BS, Computer Science, GPA 4.0/4.0	*Atlanta, GA*

- Relevant Courses: Object-Oriented Programming, Discrete Math, Data Structures & Algorithms (Spring)
- Dual Enrollment Courses: Linear Algebra, Multivariable Calculus

Experience	**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.

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.

Victorise	**June 2019 - August 2019**
Intern	*San Diego, CA*

- Prototyped Bluetooth wearable sports tracker.
- Designed, tested, and implemented C++ firmware.

Skills

Programming: Java, Python, C++, JavaScript, HTML, CSS, Git
Spoken Languages: Mandarin (fluent), Cantonese (proficient), Spanish (basic)

Projects

Grocery Grab (Team of 3) *Java, Android Studio, ARCore, NCR Cloud & API*
- Reimagining retail shopping in the COVID era by minimizing interpersonal contact and time in store.
- Won 1st Place at HackGT 7, $4,000 awarded.

Knobo *C++*
- An intuitive and compact device that helps the visually impaired learn braille.
- Won Best Benchmark at the 2019 Hackaday Prize, $10,000 awarded.

Smart AC Control (Team of 5) *C++, Java, Firebase, Android Studio, Particle Cloud & API*
- Achieve thermostatic control, remote control, and temperature scheduling with dormitory air conditioners.
- Won 2nd place at Georgia Tech Invention Studio Hackathon

Smart 3D Printer Emission Monitor *C++, jQuery, HTML, CSS, Particle Cloud & API, Bootstrap*
- Monitor the emission of toxic chemicals from 3D Printing and warn the user of potential dangers.

Leadership	**Aquament**	**June 2019 – August 2020**
	Founder	*San Diego, CA*

- A nonprofit project that aims to reduce ocean plastic pollution and make 3D printing more sustainable.
- Led the research and development of 3D printer filaments from plastic wastes.
- Received the 2019 SeaWorld & Busch Gardens Youth Entrepreneurial Award and $1,000 in funding.

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.

Master Sports Basketball	**February 2016 - August 2019**
Volunteer Coach	*San Diego, CA*

- Created training programs and taught basketball skills to middle school players.
- Instructed the players during weekly games.