

Carl Liu

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

August 2017 – May 2021 (Expected)

- Bachelor of Science in Industrial Engineering
- Minors in Computer Science and Public Policy
- Stamps President's Scholar

GPA 4.0/4.0

National University of Singapore, Singapore

August 2018 – December 2018

- Semester Exchange Program

EXPERIENCE

Ballpoint Consulting Group, Atlanta, GA

July 2018 – Present

Co-Founder and COO

- Launched a web design, brand, and marketing consulting business
- Responsible for managing finances, brand identity, internal workflows, and external projects
- Provide consultation services to startups and companies from various industries
- Maintain relationships with 5 repeat clients and ensure client satisfaction

InterContinental Hotels Group, Atlanta, GA

June 2018 – July 2018

Solution Design Intern

- Implemented centralized sales program to reduce proposal negotiation time by over 50%
- Automated quarterly account reviews with Python, reducing process time from over a week to two days
- Aligned internal documents and resources with new branding and leadership

PROJECTS

WonderRoot Nonprofit Pro Bono Consulting

January 2019 – Present

With a team from the Epic Intentions club at Georgia Tech, help WonderRoot define and track KPIs.

- Lead a team of six student consultants to design and deliver a system for tracking key performance indicators
- Develop a comprehensive system for collecting and analyzing data from points of engagement and programs
- Manage adoption and implementation of data strategy in existing nonprofit business processes
- Deliver a digital dashboard to synthesize and communicate KPIs to relevant internal and external stakeholders

Advocate Networks Pro Bono Consulting

February 2017 – July 2018

With a team from the Georgia Tech Undergraduate Consulting Club, help Advocate implement Robotic Process Automation.

- Researched viability and utility of Robotic Process Automation (RPA) for mid-sized businesses like Advocate
- Developed multivariate comparison matrix for several potential vendors of RPA technology
- Demonstrated to Advocate management a proof-of-concept for implementation on specific business processes

SKILLS

Programming: Python, Java, SQL, HTML, CSS, JavaScript, R

Concepts: Database design, Data structures and Algorithms, Analytics, Robotic Process Automation, Probability and distributions, Statistics, Website development and administration

Language: English (native), Chinese (fluent), Latin (advanced)

Hobbies and Interests: Volunteer Tutoring, Piano, Viola, Club Volleyball (setter), Embroidery