Nicholas Shi

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Education

Georgia Institute of Technology	*Aug '18 - Dec '21*

- GPA: **4.0**
- Degree: Bachelor of Science in Computer Science
- Relevant Coursework: Info Sec, OS Design, Database Design, UI Design, Compiler Design, Data Struct & Algo, OOP, Intro Python

Work Experience

Teaching Assistant - GT College of Computing	*Aug '19 - Present*

- Guide weekly recitations for 30+ students with another TA
- Host weekly office hours to assist students and grade homeworks
- Prepare course materials with TAs and professors for 700+ students

Instructor - Kids4Coding	*Jun '19 - Aug '19*

- Curated lesson plans for weekly courses
- Managed and maintained classroom equipment
- Taught courses in Raspberry Pi, Python, and Game Design

Assistant Manager - Peking Cafe	*Aug '13 - Oct '19*

- Maintained employee schedules
- Manage webpage and provide technical support for POS system

Projects

Ocean Trader	*Aug '19 - Dec '19*

- Designed and implemented a market simulation backed by Java
- Implemented UI design concepts with the Java Swing Framework
- Worked collaboratively in a team of 5 over the course of a semester

Hackathon: Venture Frog	*Oct '18*

- Deployed survival game in team of 3 within 36 hours
- Modeled assets with Blender and programmed physics in Unity
- Designed game UI for scorekeeping, timer, and menus

BME Robotics: Hospital Rover	*Aug '18 - Dec 18'*

- Learned basic Arduino, machining, circuitry, and 3D modeling
- Constructed rover to deliver health essentials

Skills

Programming:	Python, Java, JavaScript, C, C#, HTML & CSS, MySQL, Unity, Git
3D Modeling:	SolidWorks, AutoDesk Inventor
Languages:	English, Elementary Spanish, Conversational Chinese
Communication:	Presentations, Microsoft Office Suite

Leadership

Serve Learn Sustain (SLS) Ambassador	*Aug '18 - Dec '18*

- Directly worked in local community to promote a healthy community lifestyle
- Volunteered in various food-related project to enhance the Atlanta community