

Kenny Zheng

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY (Atlanta, GA)

(August 2019 - May 2024)

BS in Computer Science

- **Concentrations:** Artificial Intelligence and Human-Computer Interaction
- **Coursework:** Data Structures, Systems Programming and Organization, Linear Algebra
- **Activities:** Chinese Student Association (Director of Events), Asian American Student Association, Data Science at Georgia Tech

SKILLS

Technical Skills: Java, C, Python, Azure, Google Cloud, Node.js, PyTorch, PowerBI,

Other Skills: Agile, CI/CD, Product Design, User Research, and Quality Assurance Testing

PROJECTS

- Kast Xtra
 - Website based application designed to assist event planning firms with volunteers' registration and ticket sales.
 - Established track record of aiding 4 events with more than 200 volunteers, and \$30K in revenue combined from all 4 events.
 - Backend framework: Google Firebase Realtime Database, Node.js
 - Frontend framework: HTML, CSS, Bootstrap, and AngularJS.
- PacMan
 - Lead front end team to design the UI for a PacMan game in a hackathon.

EXPERIENCE

Undergraduate Research Assistant, Georgia Tech Research Institute. Dec 2021 - Present

- Collaborating with team of undergraduate and graduate students to produce a smart drone with L3Harris to help Cisco Systems strengthen weak cellular 5G areas in Bobby Dodd Stadium.
- Developing radio prototype to automatically process and analyze geospatial data from Bobby Dodd Stadium.
- Responsible for developing new guide reports for new joiners, wrote and developed Github documentation for PyTorch architecture database for efficient data scrubbing and cleaning.
- Analyzed geospatial data from multiple distributed RF sensors across Bobby Dodd Stadium.

Undergraduate Research Assistant, Aerospace Systems Design Aug 2021 - Dec 2021

- Applications of this engine will provide a direct applicability to the warfighter and the ever-growing use of unmanned aerial systems among soldiers/reconnaissance teams.
- Increased knowledge of aircraft systems, flight test program procedures, documentation and regulatory requirements.
- Prepared detailed test plans, reports and documentation in compliance with Air Force research lab regulations.
- Gained competencies in a range of engineering disciplines and systems including structural design, aerodynamics, stress analysis, fuel systems and test instrumentation.

ZHENG FAMILY BUSINESS, Assistant Manager

May 2007 to Present

- In charge of daily operations within family business.
- Lead team of 8 employees to provide customer with exemplary service and food.
- Responsible for food inventory, accounting and logistics on a weekly basis with a monthly budget of \$10,000.
- Interviewed, hired and trained new staff to join family business.