

# Shane Woodruff

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**Objective:** To obtain an assignment starting Summer or Fall 2021 that allows meaningful contributions to a company's profitability while further utilizing my technical, problem solving, and leadership skills.

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## Education

### **Georgia Institute of Technology**

- Graduation: December 2021 (Bachelors), December 2022 (Masters)
  - Computer Science with Information/Internetworks & people concentration
  - BS/MS five-year program
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## Skills/Website

- **Website:** www.shanewoodruff.com
  - **Software:** Java, C, C++, Python, HTML, CSS, JavaScript, JSON
  - **Architecture and Design:** Agile, Scrum, waterfall
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## Work/Experience

### **AI Business Model Intern: Revolutionary Integration Group Inc.**

*August 2020 – Present*

- Identified Enterprise, IoT, and MDM systems on which Dynamic Trust may be offered, and defined any of the ancillary elements needed
- Used sales models to define a business strategy for product release. Performed market characterization for commercial and federal sectors, determined a price point for each of the markets for Dynamic Trust, researched and defined the competitive landscape of the markets, and performed market research on "trust" solutions across market sectors.

### **Georgia Tech Teaching Assistant: Objects and Design (CS 2340)**

*August 2020 - Present*

- Hold office hours dedicated to one-on-one student help to strengthen knowledge in course materials and topics. Help guide students through course long group project that involves first aspects of working as a software engineer. Deliver lectures to more than 150+ students on a weekly basis

### **Spots (Startup) – Cofounder**

*March 2020 - Present*

- An app that is creating a competitive market for the use of parking in residential and commercial areas not typically used for parking during large sporting events, concerts, and conventions to create affordable parking anywhere

### **Big Data and Quantum Mechanics Lab: Georgia Tech**

*January 2020 – Present*

- Use Machine learning and data analytics to enable faster and more accurate calculations of chemical properties using quantum-mechanical techniques such as density functional theory (DFT). Implementation of algorithms for fusion of distinct exchange-correlation approximations; Uncertainty quantification and propagation for exchange-correlation approximations.

### **Emona Instruments**

*May 2018 – June 2018*

- FPGA Software development for educational technologies. Used Verilog and VHDL to develop software for signal applications and sensors
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## Extracurriculars/Community

### **Hometown Animal Rescue Inc. Volunteer**

*March 2018 – present*

- Work with animals and Veterinarian clinics to provide affordable pet care to low income areas around Georgia

### **Rockdale Coalition for Children and Families**

*January 2017 – January 2018*

- Work with families and individuals living in poverty to help provide necessary and basic needs to live a healthy lifestyle. Help sign people up for insurance, EBT, and other services provided to those in need