Hanna Choi

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Motivated Computer Science major with robust programming skills and hands-on experience with problem-solving across research and technology projects. Passionate about applying analytical and technical techniques to develop sustainable, impactful solutions in diverse technology-driven environments.

EDUCATION

University of Colorado Boulder   Boulder, CO

BS in Computer Science   May 2028
Relevant Coursework: data structures, software development, intro to computing, CS as a field of work and study
Certificates: CompTIA A+
GPA: 3.7

WORK EXPERIENCE

Research and Design Member   Sep 2024-Present
Department of Energy   Boulder, CO
- Researched innovative net-zero energy systems for multi-family housing to ensure sustainable and affordable living solutions.
- Analyzed technical data and collaborated with team members to integrate energy-efficient design strategies.
- Contributed to concept development and prototype planning for scalable, renewable energy application.

Wearables Engineering Team Lead   Aug 2023-May 2024
NASA Colorado Space Grant Consortium   Boulder, CO
- Led a cross-functional team in the design and development of wearable technology projects, balancing both hardware and software solutions.
- Managed team goals, project timelines, and budgeting to ensure efficient resource allocation and project success.
- Facilitated brainstorming sessions and technical workshops, driving creative problem-solving and innovation within the team.

Cashier and Waitress   May 2023-Aug 2023
Neko Ramen and Rice   Denver, CO
- Operated and managed the POS system efficiently in a high-volume, fast-paced restaurant environment.
- Delivered exceptional customer service by addressing inquiries, resolving issues, and ensuring a positive dining experience.

VOLUNTEER EXPERIENCE

Technology Help Coach   Apr 2023-Apr 2024
Irving Public Library   Westminster, CO
- Assisted community patrons with troubleshooting and resolving tech issues, enhancing overall tech literacy.
- Performed minor repairs and conducted educational workshops, empowering users with practical technical skills.
- Provided clear, step-by-step guidance to simplify complex tech concepts, ensuring user understanding and satisfaction.

SKILLS
- *Computer Skills:* Proficient with C++, JavaScript, Java, Arduino, Python, HTML, CSS, Bootstrap, Microsoft Excel
- *Language Skills:* English (Fluent), Korean (Fluent)