Hannah Ahn

4516 Ramsdell Ave #109
La Crescenta, CA 91214

818.967.7750
hja2@williams.edu

Skills

Programming languages: Java, JavaScript, C, Python, HTML/CSS, R, C++

Machinery: drill press, laser cutter, lathe, CNC machine, etc.

Engineering software: AutoCAD, SOLIDWORKS

Work Experience

Williams College / Computer Science Research Assistant
Jul 2020 - Sept 2021, Williamstown, MA

- Conducted close reading and research on Human-Computer/AI Interaction
- Worked closely with fellow research assistants to build explainables for Bayesian Knowledge Tracing and Deep Knowledge Tracing

Williams College / Machine Shop Research Assistant
Sept 2019 - Nov 2021, Williamstown, MA

- Worked with various machinery to design and create parts and equipment that is requested by college staff members or students; Programming for the UMC 500 CNC machine

Williams College / Intro to Computer Science Teaching Assistant
Jan 2021 - May 2021, Williamstown, MA

- Assisted students with any help they needed about homework or assignments
- Revised homework and lab assignments before they were distributed

eWAY Learning Corporation / Tutor
Jun 2016 - PRESENT, La Crescenta, CA

- Taught elementary, middle, and high school students subjects including mathematics, English, coding, Spanish, paper folding, SAT bootcamp

Education

Williams College / Computer Science Major, B.A.
Sept 2019 - PRESENT, Williamstown, MA

- Relevant Courses: Intro to Computer Science, Data Structures and Advanced Programming, Computer Organization, Human-AI Interaction, Intro to Cognitive Science, Principles of Programming Languages, Computer Graphics, Graph Theory, Theory of Computation

Projects

- Microscope mount, acrylic stencils for quilting, wheel bar for salt spreader truck, shaker vial holder, coil hoop, welding rotator positioner (built during employment at Science Shop)
- Cache Simulator: simulation of how caches check for hits, misses, and evictions from trace files; implemented LRU replacement policy; represented cache framework through structs

Extra-curricular Activities

Give2Friends Foundation / Founder
Aug 2013 - PRESENT, La Crescenta, CA

- Founded a NPO that raises money and provides services to individuals or groups in need
- Fundraised for Asian Foster Children affiliated with Los Angeles County Woman Children services and for wheelchairs sent to people in Burundi, Africa, helped out at Babybox Korea where abandoned babies are taken in, hosted an English camp for children in Iwaki, Japan
- Organized paperwork and membership forms; delegated meetings; brainstormed ideas for fundraising and events; managed social media