

Danial Ahari

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Education

- **University of Alabama in Huntsville - Huntsville, Alabama**
Anticipated Graduation Date: 2026
Current GPA: 3.25
Program: Master of Science in Computer Science
- **University of Alabama in Huntsville - Huntsville, Alabama**
Graduated: 2025
Honours: Magna Cum Laude
Final GPA: 3.71
Program: Bachelor of Science in Computer Science, minor: Mathematics, certificate: German

Selected Work Experience

- **Siemens (May 2025-Present)**
 - Works on an Agile software development team to help produce and test CAD software.
- **UAH Archives (October 2021-May 2025)**
 - Gathers and organizes data from physical and digital archival mediums, using Google Docs and Sheets.
- **Greg Cooper Lab at HudsonAlpha Institute for Biotechnology (May 2024-July 2024)**
 - Programmed and performed analyses to support novel methodologies for analyzing whole genome assemblies and structural variants therein.
- **UAH RCEU Program (May 2023-August 2023)**
 - Worked to develop new methods of data recovery from optical discs using host-based software technologies.
- **Computer Science Department at UAH (September 2022-December 2023 [During School Year])**
 - Previously graded papers and proofread documentation related to assignments from a professor; Acted later as a research and office assistant for a professor.
- **UAH RCEU Program (May 2022-August 2022)**
 - Used web development skills to build a basic web app to record University of Alabama in Huntsville Campus History.
- **Computer Science Department at UAH (November 2021-January 2022)**
 - Wrote Javascript code implementing the d3.js and React libraries to create visualizations and page layouts.

Skills

- Basic understanding of genomic sciences
- Experience in an Agile software development environment
- C, C++, Python, Java, and Javascript coding
- Understanding of x86 and ARM assembly language, as well as IBM z/Architecture
- Strong willingness to learn