

Team Bios

Team Name: C.E.L.P. Gardens

Name: Luke Barber

Email Address: lnb0014@uah.edu

Current Degrees: None

Colleges Attended: University of Alabama in Huntsville

Co-Op and Internship Experience:

- U.S. Army Garrison - Directorate of Public Works (2022-Present)

Current Employer: U.S. Army Garrison - Directorate of Public Works

Job Title: Engineering Project Manager Intern

Skills Contributed to Team:

- Strong work ethic and interpersonal skills.
- Project management involving multiple people working together to complete a common goal by using clear communication and documentation.
- Knowledge of embedded systems from university courses (MSP430, Arduino)
- Experience with MATLAB, python, C, C++, and assembly coding.
- Knowledgeable in experience with CAD software from internship.
- Familiarity with Multisim and physical circuit design.

Name: Cole Moore

Email Address: cdm0052@uah.edu

Current Degrees: None

Colleges Attended: University of Alabama in Huntsville

Skills Contributed to Team:

- Valuable ability to break down a problem for ease of communication.
- Ability to learn new techniques and subject matter quickly.
- Strong writing skills and experience documenting projects involving a team focused on solving technical problems.
- Complex understanding of MATLAB, C, and C++.
- Familiarity with Python and assembly coding.
- Experience with physical circuit design and embedded systems from university courses.

Name: Eric Messer

Email Address: esm0011@uah.edu

Current Degrees: None

Colleges Attended: University of Alabama in Huntsville

Co-Op and Internship Experience:

- DEVCOM AVMC TDD Navigation- SSEP Engineering Intern (2022 - Present)

Current Employer: U.S. Army - DEVCOM AVMC

Job Title: SSEP Engineering Intern

Skills Contributed to Team:

- Experience in C++, Python, and Matlab
- Test application design experience in C++ and Python
- 3D Printing and CAD modeling experience
- Embedded systems design and LTSpice simulation experience

Name: Philip Entrekin

Email Address: phe0003@uah.edu

Current Degrees: None

Colleges Attended: University of Alabama in Huntsville

Co-Op and Internship Experience:

- DEVCOM AVMC TDD Navigation- SSEP Engineering Intern (2022 - Present)

Current Employer: U.S. Army - DEVCOM AVMC

Job Title: SSEP Engineering Intern

Skills Contributed to Team:

- Experience in C++, Python, assembly, Multisim and Matlab
- Application development and design in QtCreator and Python
- Embedded systems experience from coursework
- Strong writing skills, and experience in finding affordable and compatible components
- Experience in managing a small team
- Familiarity with data reduction and analysis