# Evan Funderburg

(440) 999-0730 | efundy05@gmail.com | ewf@email.sc.edu

github.com/EvanFunderburg | linkedin.com/in/evan-funderburg/

## EDUCATION

**UNIVERSITY OF SOUTH CAROLINA**      **Columbia, SC**

*B.S. in Computer Science, B.S. in Data Science*      *Anticipated Graduation: May 2027*

GPA: 4.0

Awards: Capstone Scholar, 3x Presidents List

Relative Coursework: Algorithmic Design I/II, Advanced Programming Techniques, Software Engineering, Programming Language Structures, Data Structures and Algorithms, UNIX/LINUX Fundamentals, Digital Logic Design, Introduction to Computer Architecture, Operating Systems, Vector Calculus, Discrete Structures, Statistics for Engineers, Business Writing

## SKILLS

Technical Skills: Java, C++, Python, R, Prolog, Haskell, HTML, JSON

Other Skills: Conflict Resolution, Professional Writing, Strategic Thinking, Data Analysis

## EXPERIENCE

**Undergraduate Teaching Assistant**      January 2025 – PRESENT

Department of Physics and Astronomy at the University of South Carolina

- Guided students through complex problems, teaching them key concepts and problem-solving techniques.
- Assisted in facilitating biweekly studios in which important topics were reinforced in a clear manner.
- Provided opportunity for one-on-one support during office hours to help struggling students.

**Undergraduate Research**      June 2024 – July 2024

2024 Summer Data Science REU Program at the University of South Carolina

- Developed mathematical models to assess the impact of HER2 on the proliferation of cancer stem cells.
- Employed numerical methods to solve differential equations derived from experimental data.
- Collaborated with a remote team and presented comprehensive findings to a leading professor.

**Software Engineering Course**      August 2024 – DEC 2024

University of South Carolina

- Collaborated with a team to develop a language learning application to meet a client's needs.
- Managed data read/write operations using JSON files.
- Applied SCRUM methodology to simulate a real-world software engineering environment.

**Youth Baseball Umpire**      May 2023 - PRESENT

Freelance

- Officiated youth baseball games, adhering to tournament rules and maintaining fair play.
- Communicated decisions clearly and efficiently with players, coaches and fans.
- Managed conflicts on the field with diplomacy, fostering a positive and respectful environment.

## EXTRACURICULARS

**Association of Computing Machinery at USC**      September 2024 – PRESENT

- Largest Computing Club on USC's campus
- Weekly meetings that cover different computing topics and give members a chance to interact socially