RILEY IMMEL

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EDUCATION

University of Virginia School of Engineering, Charlottesville, VA   **May 2025**

Bachelor of Science, Major in Computer Science

GPA: 3.78/4.0   **CS GPA** 3.84/4.0

Coursework: Adv Software Development, Programming Languages for Web Apps., Programming Languages, Data Structures & Algorithms, Compilers, Computer Systems & Organization, Theory of Computation

TECHNICAL SKILLS

C++, Java, Python, C, Javascript, Algorithms, Django, HTML, CSS, Git, MySQL, AutoDesk, Matlab

PROJECTS

SIPC Compiler (CS 4620 Compilers)   **Aug 2023 – Dec 2023**

- Extended a Tiny Imperative Language compiler front-to-back utilizing C++, CMAKE, and Git to flesh out the language
- Semester long partner project with biweekly sprints

Transfer Course Project (CS 3240 Advanced Software Development)   **Jan 2023 – May 2023**

Scrum Manager

- Oversaw a team of 5 in a semester long, biweekly sprint project building a web application for listing transfer course equivalents
- Utilized Django framework, Heroku hosting, Python, and MySQL for development
- Learned full-stack development due to lack of team help and needing to make up their work; received extra points from professor

WORK EXPERIENCE

Edward Tufte's Art Sculpture Farm (Hogpen Hill Farms, Woodbury, CT)   **May 2023 – August 2023**

Assistant Property Manager

- Precision groundskeeping of 200+ acres; sculpture installation utilizing hand tools to heavy machinery
- Organized and oversaw open houses (Front of House, Point of Sale); managed audio for presentations

Undergraduate TA in the Computer Science Department   **Jan 2023 – May 2023**

- CS 3140 – Software Development Essentials, Prof. Rich Nyguen; utilized Java

Undergraduate TA in the Engineering Department   **Aug 2022 – Dec 2022**

ACTIVITIES

Computer Network Security Club, University of Virginia   **2021-Current**

President – Spring 2023 – Current, **Member** – Fall 2021 - Current

- Oversee executive board and delegate officer responsibilities, ensure club mission is achieved, aid in running self-written and hosted competition and get sponsors
- Lead the planning of semester's events, competitions, and spearhead recruitment efforts
  - Grew club membership from 10 to 40 and f/m ratio from 0/100 to 40/60 in 1 semester

Outdoors Club, University of Virginia   **2021-Current**

Trip Leader – Fall 2022 – Current, **Member** – Fall 2021 - Current

- Lead and plan club trips including overnight and beginner focused for hiking and backpacking

International Collegiate Programming Contest, Mid-Atlantic Region   **Fall 2022-Spring 2023**

- Problem solving competition focused on using algorithms; utilized C++, Python, Java, and algo theory