Jesse Bloome

University of Virginia Class of 2023

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EDUCATION

University of Virginia, Charlottesville VA — 2019-2023
Computer Science (BA), Environmental Science (Minor), GPA: 3.25

PROJECTS / RELEVANT CLASSWORK

Independent Study - Living Link Lab
  – Created web pages displaying information related to air quality data for the Living Link Lab at the University of Virginia. Experience with HTML, javascript, CSS, docker, and influxDB.

Advanced Software Development
  – Using the scrum agile methodology, developed a local housing web application using django, heroku, HTML, and javascript in a team setting. Additional formatting libraries including bootstrap.

Computer Architecture
  – Completed projects using and incorporating memory, caching, hardware, and optimization. Introduction to x86, C, and HCL.

Algorithms
  – Completed programs including a variety of sorting, searching, and divide and conquer algorithms using a number of data structures with a focus on function runtime with O, Ω, and Θ notation.

EXPERIENCE

My Private Professor, Irvine CA—*Tutor*
March 2021 - Present

– Leading virtual tutoring in computer science, English, and SAT/ACT prep.

Ringle, Seoul, Republic of Korea—*Tutor*
May 2022 - Present

– Facilitating discussion and instruction in English language for Korean professionals and students.

mEducation Alliance, Arlington VA — *Refugee Program Development Intern*
May 2022 - August 2022

– Led team of professionals and interns in informal educational instruction for recent Afghan refugees in community learning center. Represented the mEducation Alliance at community outreach events.

Sigora Solar, Charlottesville VA —*Design and Engineering Intern*
May 2021 - July 2021

– Applied CAD software in modeling and examination. Assisting solar project installation designers with customer data and design.

Other Experience:
2015 - 2021

– Wilmot Sanz, Gaithersburg MD - Paid Intern
– Pupatella, Alrington VA - Waiter/Host
– Bartaco, Arlington VA - Waiter/Host
– Arlington Soccer Association (ASA), Arlington VA - Youth Referee
– Summer at Potomac, McLean VA - Counselor Intern

PROJECTS / ACTIVITIES

TOPSoccer Club at Washington-Lee HS — *Founder/Co-President*
September 2018 - June 2019

Varsity Sports at Washington-Lee HS —*Athlete*
September 2015 - June 2019

SKILLS

Leadership, Organization, Teamwork

Coding Languages:
- Python
- Java
- C / C++
- Javascript
- HTML
- Assembly Languages
- SQL

Experience with:
- React.js
- Git / GitHub
- Various IDEs

Technical Expertise:
- Computer Aided Design (CAD), GIS software
- Microsoft Office Suite
- Google Workspace
- Adobe Photoshop and Illustrator

Critical thinking skills, writing skills from the IB program

Reading music for guitar, trumpet and piano

AWARDS

National Honors Society (NHS)
2017-2019

General's Way Award
Sportsmanship award for Varsity Soccer 2019

LANGUAGES

Intermediate Spanish