

# Dylan Herbig

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## EDUCATION

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### University of Virginia – College of Arts and Science – Echols Scholar

Charlottesville, VA USA

Bachelor of Arts in Computer Science and Economics – GPA: 3.8

August 2020 – May 2024

- **Relevant Coursework:** Program and Data Representation, Software Development, Discrete Mathematics, Macroeconomics
- **Organizations:** HooHacks Tech Committee, Website designer for Student Covid Coalition, Executive Board German Honor Society, Madison House Volunteering, Students Demand Action

### Educational and Professional Gap Year

N/A

Cultural world tour and professional internship in tech-related field (Heidelberg iT)

May 2019 – August 2020

### Oakton High School

Vienna, VA USA

Cumulative GPA: 4.4

August 2017 – May 2019

- **Organizations:** French Honor Society, Track and Field Manager, Model UN

## WORK EXPERIENCE

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### edataconsulting GmbH

Remote

Software Development Intern

May 2021 – Aug 2021

- Full stack development with two other software developers to optimize application and interview process for new candidates.
- Designed and programmed multiple REST API components assigned to various user roles using Java Springboot based on Maven framework. Later implemented them into the frontend using Angular's TypeScript based web application framework.
- Authored, implemented, and maintained JUnit testing procedures for each component in application.
- Tested different user-case scenarios using legacy code on PostgreSQL database system.

### Department of Computer Science, UVA

Charlottesville, VA USA

Teaching Assistant – Software Development (CS 2110)

August 2021 – Today

- Collaborated with other Teaching Assistants to create automated grading solutions for professors using PHP with Apache.
- Located defects in un-authored student code and explained to them the reason for their bugs.
- Lead weekly labs and assisted multiple undergraduate students.

### Student Web Designer

Remote

Freelancer

October 2020 – Today

- Designed and created user-friendly WordPress websites for medical equipment start-up, business club, personal-business coach, and financial solutions advisor.
- Implemented E-commerce shop generating over \$100,000 in net profit multiple months a year.
- Optimize preexisting WordPress Plug-Ins to fulfill client requirements using HTML, CSS, and PHP.
- Collaborated with executive boards of multiple companies to create tailored and efficient web design solutions.
- Used Google Analytics data to create Google AdWords campaigns to increase website traffic.

### SAP Software Solutions

Walldorf, Germany

Intern

May 2017

- Researched newly developed interactive presentation tool ("Digital Board Room") and developed informative subpage using SAP's website management program.
- Analyzed daily website statistics to improve site features and visitor satisfaction.

### Heidelberg iT GmbH

Heidelberg, Germany

Intern / Assistant Project Manager

January 2020 – December 2020

- Learned HTML & CSS through online resources to create company-wide encrypted E-Mail signatures.
- Employed as subcontractor for a US Army project to improve existing network engineering solutions.
- Collected and analyzed data from project and presented them in organized matter to colleagues.

## SKILLS

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- **Software:** Proficient in Java, Python, C++, HTML & CSS, TypeScript, PHP, Microsoft Office, WordPress
- **Languages:** English (Fluent), German (Fluent), Spanish (Advanced), French (Advanced), Japanese (Elementary)
- **Interests:** Avid skier, home cook, Scooba-Diving, Self-Taught Pianist, Long-distance runner, Tesla-enthusiast

References available upon request