

Asher Haun

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EDUCATION

University of Texas Rio Grande Valley

Bachelor of Computer Science (Senior)

President's List Recipient

Overall GPA 3.93

Departmental GPA 4.00

Expected Graduation: Fall 2024

Coursework: CS I, II and III (data structures and algorithms), Digital Systems Engineering I, Discrete Math, Java, Software Engineering I, Assembly, Linux, Computer Architecture, Calculus I and II.

UTRGV Mathematics and Science Academy

High school Diploma

President's Award for Academic Achievement

GPA: 4.0 unweighted

Graduated 2022

EXPERIENCE

Software Engineer - UTRGV | *Contract*. 2022-Present

Architect and developer of an application designed to automate grade reporting and presentation for the math department, tailored to accommodate a unique learning target-based grading system.

Software Engineer - General Motors Financial | *Intern*. Summer 2023

Contributed to the development of innovative solutions for General Motors Financial, focused on the creation of internal credit inquiry applications and streamlining reporting processes using C#.

Demonstrated leadership within a collaborative SCRUM environment by facilitating daily standup meetings and ceremonies.

UTRGV Research Assistant | *Volunteer*. 2022-Present

Dedicated research efforts to the Algorithmic Self-Assembly Research (ASARG) Lab, actively participating in research on Tile Automata and Chemical Reaction Network models.

JiuJitsu Club Vice President | *Volunteer*. 2022-Present

Served as an integral member of the club, taking on roles such as instructor, coach, and referee, and providing guidance and support to club members in the martial art Brazilian Jiu-Jitsu.

TCU Research Apprentice | *Volunteer*. 2019-2023

Engaged in the development of C++/Cuda models in the Physics and Astronomy Department to simulate the spread of the Influenza virus within cellular tissue. Presented research findings at the 2021 SIAM Conference on Computational Science and Engineering, by invitation to the NSF Inaugural Equity in Engineering Summit, and published findings in the peer-reviewed Journal of Theoretical Biology.

Full Stack Web Development | *Paid*. Summer 2022

Gained hands-on experience in full-stack web development for various client needs, utilizing tools such as Mongo, Express, Node, and Bootstrap.

Coaching Assistant, Lutter Brazilian Jiu-Jitsu | *Volunteer*. 2019-2022

Assisting/coaching kids' class twice per week. Teaching 5–13-year-old students new techniques in the martial art Brazilian Jiu-Jitsu.

SKILLS

C++, JavaScript, Java, Python, Ruby, MongoDB, Express.js, Node.js, Flask, Embedded JS (EJS), jQuery, Oracle SQL, GitHub, Azure DevOps, Agile, SCRUM, BASH & ZSH, Arch, Ubuntu, RedHat, Arduino, Circuit Design, Gradle, SAAS, Bootstrap, Technical Writing, LaTeX, Public Speaking.