Hudson Gouge

Full-Stack Developer

Address Greeneville, Tennessee 37743

Phone (423) 691-2822

E-mail hudson.gouge@icloud.com

I am a Full-Stack Developer with over four years of comprehensive programming experience. With a Professional Certification in Computer Science for Web Development from Harvard University, I am well versed in all the complexities of Full-Stack Development. My technical skill set spans a wide range of programming languages and frameworks, with proficiency in Python, HTML, CSS, JavaScript, and Aardvark, alongside solid experience in C, C++, and SQL. I know how to work with a team and collaborate using git and other tools. In my time as a developer, I have built numerous projects, won an honorable mention for game development in the #MadeWithReplit Worldwide Competition, and built a programming language.

Websites, Portfolios, Profiles

- https://hgouge.replit.app/
- https://www.linkedin.com/in/hudson-gouge-24a843244/
- https://github.com/hg0428

Skills

Skill	Rating
JavaScript Programming	◆◆◆◆◆
Python Programming	◆◆◆◆◆
C Programming	◆◆◇◇◇
C++ Programming	◆◆◇◇◇
Rust Programming	◆◇◇◇◇
Responsive design	◆◆◆◆◆
HTML	◆◆◆◆◆
Design principles	◆◆◆◆◇
Markdown	◆◆◆◆◆
Encryption & Cyber Security	◆◆◆◇◇

Web Security	◆◆◆◆◇
Layout Design	◆◆◆◆◇
Video Editing	◆◆◆◇◇
SQL	◆◆◆◆◇
Game Development	◆◆◆◆◇

Work History

Nov 2023 - Current

Web Designer

A.C.T.S Biblical Training Center, Tennessee

- Designed and implemented UI with HTML, CSS, and JavaScript
- Worked closely with other team members to coordinate development
- Optimized website for search engine presence
- Monitored search performance across various engines

Sep 2020 - Current

Lead Developer

Aardvark Programming Language, Remote

- Designed compiler and optimization systems
- Began rewriting the entire language in itself as a compiler, a major upgrade over the previous interpreter
- Worked with other team members to optimize design and syntax
- Built an online code editor for the language
- Wrote documentation and various promotional articles

Jul 2023 - Sep 2023

Lead Developer

Academicool Learning Solutions, Georgia Tech

- Designed and built fully functional prototype in one week
- Utilized a Python backend
- Built using HTML, CSS, and JavaScript
- Designed and prototyped User Interface
- Demoed application to potential investors
- Recorded YouTube tutorials

Education

Expected in May 2026

High School Diploma

Homeschool - Greeneville, TN

- 4.0 GPA
- Extracurricular Activities: Programming, Running a 100+ member Discord server, Programming Competitions, etc...

Sep 2023 **Professional Certification: Computer Science For Web Development**

Harvard University - Online

Certifications

Sep 2023 Professional Certification in Computer Science for Web Development

HSI Adult First Aid

HSI CPR AED All Ages

HSI Child and Babysitting Safety (CABS)

Jul 2023 National Youth Leadership Forum for Engineering @ GA Tech

Interests

Programming

Hiking

Hebrew

Music

Languages

English

Hebrew (I'm still learning)