TOMAS H. SEGED

Entry-Level Software Developer

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EDUCATION

George Mason University — Fairfax, VA

Bachelor of Science, Computer Science | GPA: **3.44** / 4.0 — 2021 - Present

- Dean's Honors List, cum laude
- Anticipated graduation - Dec. 2023

Northern Virginia Community College — Alexandria, VA

Associate of Science, Computer Science | GPA: **3.82** / 4.0 — 2019 - 2020

- President's Honors List, Summa cum laude

SKILLS

Java · Python · C · x86 Assembly · JavaScript · SQL · MYSQL · MongoDB · HTML · CSS · Linux/UNIX · Spring Framework · Flask · Git · Data Structures & Algorithms · Agile Methodology · Embedded Computer Systems · Dart/Flutter · MS Office Suite

EXPERIENCE

Loops Studios Inc. — Remote

Software Engineering Intern — 06/2022 - 08/2022

- Participated on weekly tech meetings to discuss present and future projects and strategies on how to improve work efficiency.
- Provided technical support related to web-based systems to internal teams.
- Collaborated with teammates, mentors, and stakeholders in an agile, test-driven environment, while learning what it means to be a professional software engineer.
- Commended by internship supervisor for attention to detail.

PERSONAL PROJECTS

WIFI-Controlled Race Car[Group Project] — 2023

A Grand Prix Simulation project where we developed (using Python) a WIFI-controlled race car competition. The RC consisted of a BeagleBone Black single-board computer.

Grocery Store Management System — 2023

A full stack web-application - grocery store management system with a 3-tier application development (front-end, back-end, & database). Front-end implemented with HTML, CSS, and JavaScript. Back-end implemented with Python Flask server, and database implemented with MYSQL.

TCP Chat Room — 2023

Developed a Java Chat Room Program using TCP connection. With one central server, multiple clients can join the chat room and communicate with each other. Implemented with Java Threads.

Poetic Text Generator[AI] — 2023

Developed a recurring neural network in Python that generate Shakespearean texts. This neural network is able to generate and produce poetic texts based on a 'temperature value' inputted by the user.

Homophones Finder — 2022

Developed a Java program that distinguishes homophones or similar soundings words from a database(SQL) of more than 200,000 words. Implemented with data structures & algorithms.