

Gage Farmer

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6340 OH-56
London, OH 43140
(614) 753-5474

EDUCATION

Ohio State University

August 2022 – May 2025

Graduated with Bachelors of Electrical and Computer Engineering

- Powerlifting Club
- Muay Thai Club

Columbus State Community College

July 2021 - April 2022

Graduated with Associates of Science in Electrical Engineering

- Powerlifting Club

Capital University

August 2018 - Jun 2020

Studied Computer Science

- ICPC Team Leader

LEADERSHIP

International Collegiate Programming Contest

Participant & Team Leader

August 2019 - May 2020

- Solved real world problems using logic, math, and various programming techniques such as recursion
- Used different languages for different applications (Python, Java, C++)

WORK EXPERIENCE

Texas Instruments

June 2024 - August 2024

Applications Engineer – Temperature and Environmental Sensing

June 2025 - August 2025

- Schematic & PCB CAD, bread-boarding, testing, working with sensors & I2C
- MCU Firmware programming (MSP430, C) & Front-end GUI programming (Python, JavaScript)
- 3D Modeling & Printing
- Designed the [TMP411EVM](#)
- Designed the Temperature Metrology Cube

Sage Sustainable Electronics

Integration Technician

April 2022 - September 2022

- Diagnosis and repair of various technologies such as laptops, desktops, monitors, and server hardware

theCoderSchool / Mathnasium

Computer Science & Math Tutor

February 2019 - December 2019

- Taught Scratch and Python to children k-12th grade
- Taught all levels of Math to children k-12th grade

ADDITIONAL INFORMATION

Languages: Proficient in C++, Java, and Python; Intermediate in MIPS assembly

Relevant Algorithms and Data Systems II, Computer Networking, Calculus III, Physics II, Java

Classes: Programming, C++ Programming, Analog Systems, and Digital Logic

REFERENCES

Victor Salomon – Texas Instruments TES Manager (victor@ti.com)

Alex Thompson – Texas Instruments Applications Engineer (a-thompson1@ti.com)

Dr. Tawfiq Musah - Electrical Engineering Professor (musah.3@osu.edu)

Dr. David Reed - Computer Science Professor (dreed@capital.edu)

Chak Pang - IBM Engineer (cpang@yahoo.com)