Jerry Zheng

jwz.rio@gmail.com | linkedin.com/in/jerrywzheng | github.com/spicypark

Education

University of Utah | *Salt Lake City, UT* 2026–Present

- Bachelor of Science in Computer Science
- 36 credit hours earned, 16 in progress
- Relevant Coursework: Discrete Structures, Algorithms and Data Structures, Multivariable Calculus

West High School | *Salt Lake City, UT* 2021 – 2026

- GPA 4.51, SAT 1560, 13 AP courses, 7 IB courses, Rank 16/570

Skills

- **Languages**: Java, C++, Python, JavaScript/TypeScript, Dart, HTML/CSS
- **Frameworks/Tools**: Git/GitHub, Flutter, Next.js, WPILib
- **Domains**: Full Stack Development, Robotics, Control Theory, UI/UX Design, OOP, A&DS

Experience

Utah NeuroRobotics Lab | *Student Researcher* | *University of Utah* 2025–2026

- Develop graphical user interface for Electronic Grip Gauge device, used in therapy for stroke patients, using the Flutter framework to provide feedback for both the patient and therapist
- Develop and integrate adaptive thresholding algorithm into the GUI to personalize stroke rehabilitation

Utah Cyber-Physical Systems Security Lab | *Student Researcher* | *University of Utah* 2024–2025

- Developed, trained, and tested ML model integrated with multiple modalities to detect shifts in the human experience, which were correlated to greater memory formation and retention
- Won Utah Science and Engineering Fair Finalist out of 150+ participants with findings

FIRST Robotics Competition Team 3006 | *Software Captain, Driveteam* | *West High School* 2022–2026

- Developed, integrated, and debugged robot mechanisms and controls, programmed autonomous routines
- Created hotfixes for robot during critical moments at competition as a member of pit crew/driveteam
- Mentored 20+ junior members of software subteam in collegiate-level computer science

Mathnasium | *Instructor* | *Sugarhouse, UT* 2026–Present

- Provide personalized math instruction to K-12 students in a small-group setting
- Help students close skill gaps, strengthen problem-solving, and build confidence

Certifications/Awards

DubHacks Winner 2026

- Developed Formly (https://formly.select/), AI-powered data parser that automatically completes all fields in any form you ever need to fill out, won 1st place in T-Mobile track out of 1,100+ participants

International Baccalaureate Diploma 2026

Certiport IT Specialist in Java 2026

Certiport IT Specialist in Python 2026

State of Utah Advanced Programming Certification 2025

FIRST Robotics Competition

- Championship Division Winner 2026
- Regional Winner 2024, 2026
- Innovation in Control Award 2025
- Top team in Utah, top 3% worldwide 2024, 2025, 2026