
CHRISTIAN CHU YANG

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EDUCATION

The City College of New York (CUNY)

- Bachelors in Electrical Engineering: June 2025

160 Convent Ave, New York, NY 10031

GPA: 3.3

LaGuardia Community College (CUNY)

- Associate in Science, Electrical Engineering: December 2021

31-10 Thomson Avenue, Long Island City, NY 11101

GPA: 3.6

RELEVANT COURSEWORK

Electrical Circuits, Switching systems, Engineering Economics, Electrical Engineering Lab, Electronics, Thermodynamics, Electromagnetics

QUALIFICATIONS

- **Operating Systems:** Windows 10, Windows 11
- **Computational Software:** Logisim | Microsoft Office suite applications: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Outlook, Microsoft Access, Microsoft OneNote, Microsoft Teams, and Microsoft OneDrive | Autodesk Applications: AutoCAD, Revit, Sketchbook | Rhinoceros 3D | SketchUp | Procreate | Creative Cloud: InDesign, Illustrator, Photoshop
- **Programming:** C++, MATLAB
- **Languages:** Spanish – fluent, English – fluent, Chinese – conversational
- **Key Skills:** Critical thinking, problem-solving abilities, patience, active listening, technical knowledge, clear communication, multitasking, computer proficiency, time management, and teamwork skills
- **Core Qualities:** Constant learning, creative, friendly, determined, and efficient

PROJECTS

- Engineered a robot that autonomously responds to light or sound cues with precision and agility, thanks to integrated motion sensors.
- Constructed advanced robotic systems using Arduino technology, showcasing my expertise in robotics and electronic engineering.
- Participated in the Annual Student Design and Research Project Exposition, where I presented innovative research on the topic of "localization."
- Engaged in the renovation of a basement space, involving the development and implementation of comprehensive remodeling plans.
- Worked on a remodeling house project.
 - o Assisted in the development and testing of electrical devices such as electrical outlets and switches
 - o Worked on carpentry, painting, heating thermostat replacement, and drywall
- Designed and built a digital clock with Logisim.
- Designed and developed a robot equipped with mathematical algorithms to navigate through complex mazes with precision and efficiency.
- Tested a bridge with SAP 2000
- Researched and provided solutions for Harvard Case Studies

EXPERIENCE

Undergrad Research Assistants in the research project “Developing Theory of Spatiotemporal Resolution and Spatiotemporal Localization Microscopy” (Funded by NSF) at City College of New York

- Helping develop algorithms for spatiotemporal resolutions and spatiotemporal localizations.
- Obtained data from fluorescent molecules and performed data analysis.

Private tutor (self-employed private academic tutor)

New York, NY, 2021-Present

Tutor

- Providing pre-calculus and physics tutoring to four junior high school students.
- Assessed the progress of four juniors during tutoring sessions, helping them improve their academic performance.
- Teaching Spanish as a second language to 8th graders.

Polleria El Alamos (Restaurant)

Lima, Peru, 2018 –2020

Assistant Manager

- Assisting customers with their drinks and food needs. Generated financial reports.
- Provided friendly, accessible service to ensure customer satisfaction. Recruiting and managing employees.
- Assisted customers with ordering their meals and guided them through the ordering process.

Salvation Army (Volunteering)

550, Lenox Ave, New York, NY, 2020-2021

Volunteer

- Assisting the Food Pantry teams
- Help the food pantry team package bags for delivery
- Volunteered in the soup kitchen and helped people with their grocery shopping.

EXTRACURRICULAR ACTIVITIES

Men's Soccer (Official Student Athlete)

Lima, Peru, 2012-2018

Soccer player/ Soccer assistant coach

Harlem, NY, 2022-Present

- Placed 3rd in the soccer intramural tournament for CCNY
- Played for 2 different teams, Alianza Lima for 5 years and Cantolao in Peru for 1 year as well as played with the national team and had practice matches. The few positions played were Midfielder and left winger.
- Estimates from the last tournament are 7 goals in 5 games
- Taught newcomers basic skills for games as well as did practice drills and led them. Helped the head coach with organizing games against other schools. Managed practice schedule.