Vanessa Isabel Roque

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EDUCATION

California State University, Fullerton   Graduation Date: **May 2025**

B.S/M.S Computer Engineering, Computer Science Minor   GPA:**3.6**

Korea University | Seoul, South Korea   **Fall 2023**

Study Abroad Reciprocal Exchange Program

Attended one of South Korea's most prestigious universities to cultivate a global perspective through an immersive cultural experience

Coursework: Data Structures, Algorithms, Signals and Systems, Computer Architecture, Networks, Operating Systems, VHDL, Microcontrollers, Electronic Circuits, Object Oriented Programming, Multivariate Calculus, Linear Algebra and Differential Equations

Copley High School | Akron, OH   **MAY 2021**

Summa cum laude – 4.0+ GPA

EXPERIENCE

CSUF | Supplemental Instructor   **January 2023 - Present**

- Explain complex topics to students taking Calculus III by hosting collaborative learning sessions twice a week
- Collaborate with other SI leaders weekly and prepare study materials for students

ROSENDIN ELECRTIC CO. | Electical Engineering Intern   **June 2024 - August 2024**

- Develop detailed electrical designs and specifications for power distribution, lighting, and control systems using Revit
- Use Visual Lighting to create comprehensive lighting designs for commercial buildings and perform photometric analysis to ensure standards for brightness, intensity and energy efficiency are met
- Conduct QA QC in Bluebeam to identify potential issues in schedules, single line diagrams, and drawings
- Inspect the installation of electrical components, such as conduits, wiring, and lighting fixtures during site visits as well as experience the process of construction in-person

PROJECTS

EXTRACURRICULARS