

Kevin Hyun

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PROFESSIONAL SUMMARY

Motivated Computer Engineering undergraduate seeking a **Summer/Spring 2026 Engineering Co-op** in **Computer Engineering** or a related field such as **Embedded Systems, Applications Engineering, Quality Engineering, or Manufacturing Support**. Skilled in applying hands-on experience in testing, production support, and process optimization in fast-paced, team-driven environments. Eager to contribute technical knowledge and problem-solving skills to engineering projects that drive innovation, efficiency, and quality.

EDUCATION

Stevens Institute of Technology Hoboken, NJ <i>Bachelor of Engineering in Computer Engineering</i> GPA: 3.22/4.00 Awards: FIRST Judge's Award, 2024 Dean's List, Edwin A. Stevens Scholarship Coursework: Circuits, Algorithms, Software Engineering, Discrete Math, Statics, Control Systems, etc.	Expected May 2029
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WORK EXPERIENCE

Extern - Amazon Fulfillment Center Remote Internship	Dec 2025 – Current
▪ Drove end-to-end analysis of 2,600+ employee voice data using a Python-based sentiment analysis model, uncovering key attrition drivers and operational friction points. ▪ Improved model runtime by 13% , reducing average processing time from a minute to 8.0s per data set. ▪ Delivered insight-driven reports with actionable recommendations simulating internal strategy deliverables.	
Laboratory For Multi-Scale Imaging Internship Hoboken, NJ Laboratory Internship	May 2025 – August 2025
▪ Programmed a Monte Carlo electron simulation graph, improving kV dosage accuracy by 24% ▪ Assisted with fabrication , calibration, and quality control of micro-hydrogel lab samples. ▪ Led peer reviews, presented findings to Army engineers at Picatinny Arsenal with satisfied feedback	

ENGINEERING PROJECTS

LIDAR-Based Autonomous Boat Hoboken, NJ	Jan 2025 – May 2025
▪ Built a real-time navigation system using LIDAR and GIS flow modeling, improving route reliability by 26% . ▪ Created SolidWorks drawings for fabrication; performed buoyancy, vibration, and validation testing .	
IOT-Based Smart-Water Planter Hoboken, NJ	Sep 2024 – Dec 2024
▪ Engineered an Arduino-based irrigation system with feedback loops, doubling soil moisture consistency. ▪ Calibrated sensors and integrated MQTT protocols for real-time monitoring and automation.	

LEADERSHIP & INVOLVEMENT

Castle Point Convention Head Community Manager Hoboken, NJ	Sep 2025 – Current
• Led social media for 5,000+ attendee convention; increased ticket sales by 15% from the previous year	
American Institute of Chemical Engineers Treasurer Hoboken, NJ	Mar 2025 – Oct 2025
▪ Managed \$6,200 budget, financial tracking, and logistics for 20+ national conference attendees.	

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, C++, Node.js, React, HTML, Javascript/TypeScript, C#, CSS

Tools: SolidWorks, GitHub, Excel, Microcontrollers, Arduino

Skills: Manufacturing support, production support, assembly, troubleshooting, test & validation, quality assurance, simulation, root-cause analysis, technical documentation, electronics