

Jason Kim

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Education

B.S. in Computer Engineering at <i>The University of Illinois Urbana Champaign</i>	Expected: Dec 2024
- Dr. Kenneth P. and Claire V. Gibbs Scholarship	
- GPA: 3.8/4.0	
- Dean's List: Top 20% of Grainger College of Engineering	
- Coursework: Data Structures, System Verilog, Algorithms, Parallel Programming (CUDA), Data Mining, Probability	
Akuna Capital Options 201 Course Certificate of Completion	Nov 2023
Akuna Capital Options 101 Course Certificate of Completion	Aug 2023
General Class Amuetur Radio License from <i>ARRL</i>	June 2022
IT Fundamentals + certification from <i>COMPTIA</i>	Feb 2019

Work Experience

Northrop Grumman Digital Engineer Intern DOORS, Hyperlynx, C	May 2023 - July 2023
- Programmed in C to create functions for hardware verification	
- Designed and simulated a brassboard buffer board using Hyperlynx	
- Created custom macros on DOORS	
HOK Founder and Chief Financial Officer	Jan 2023 - July 2023
- Worked out business model and logistics for a startup known as HOK	
- Connected with local shoe stores to act as mediators for sellers and buyers	
Northrop Grumman Electronics Engineer Intern Excel VBA	May 2022 - Aug 2022
- Created custom tool that tracks quantities of ordered parts for higher assembly	
- Troubleshooted test sets used for testing satellite electronic hardware	
U of I at Urbana Champaign Software Developer Intern JavaScript, HTML	Oct 2021 - July 2022
- Developed a web-based game that teaches control theory and PID controllers	

Activities/Projects

Square Community Hackathon Winner	
- Created a tool for Square store users to generate coupons that optimize sales on expiring products and assist food charities	May 2024 - Sep 2024
Nexus	Aug 2023 - present
- Refined an iron condor strategy and backtested using ThinkorSwim Ondemand	
- Programmed on QuantConnect to further backtest strategy	
Illinois Space Society Hardware Engineer Corporate Relations Lead	Sept 2021 - May 2023
- Designed and soldered PCBs using KiCad for IREC rocket launches	
- Made connections with businesses to bring the ISS sponsorships	
Engineering Council Freshman Corporate Committee	Oct 2021 - July 2022
- Connected with corporations and recruiters	
Pulse Competitions Committee	Oct 2021 - Dec 2021
- Created software questions for programming competitions	

Skills

Languages: Python, C++, C, JavaScript, Kotlin, x86 assembly, VHDL, Excel VBA
Developer Tools: Git, Docker, VS Code, Visual Studio, Eclipse, KiCad, Hyperlynx