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Education	BROWN UNIVERSITY Candidate for B.S. in Computer Engineering , GPA: 4.0/4.0 <ul style="list-style-type: none">Relevant Coursework: Program Design with Data Structures and Algorithms, Electrical Circuits and Signals, Digital Computing Systems, Electricity and Magnetism, Linear Algebra, Statistical Inference, Multivariable Calculus (Physics/Engineering), Applied ODEs, Computing Foundations: Data, Managerial Decision Making	Providence, RI <i>2025</i>
Work Experience	LINKR.COM Product Manager <ul style="list-style-type: none">Reevaluate current features and app flow in order to launch within the U.S. market. Initial app UX developed in China and does not conform to the clean and intuitive interface.Conduct A/B testing and analyze market data and trends to pitch new features for launch.Oversee the development of features and collaborated closely with the development team. BROWN SCHOOL OF ENGINEERING Teaching Assistant and Mentor <ul style="list-style-type: none">Mentored and taught 2 groups of 3-5 students enrolled in Intro to Engineering through personalized mentoring and guidance.Conducted hands-on training for novice engineers on essential equipment, including woodworking, metalworking laser cutting, 3D printing technologies, and MATLAB codingFostered practical applications of theoretical concepts by assisting students in executing projects with the Brown Design Workshop.Collaborate with faculty members to ensure curriculum alignment and effective learning outcomes for all students. GROOV (WHARTON VENTURE LAB STARTUP) Intern – 3D Vision Technology <ul style="list-style-type: none">Spearheaded the development of a streamlined process for creating high-quality custom insoles through advanced scanning functionalityCollaborated with the lead programmer to develop an e-commerce application centered around innovative scanning technology.Actively contributed to the company’s brand vision, product design, and scanning failsafe mechanism strategies.Leveraged technical expertise to optimize the scanning process and enhance user experience, driving customer satisfaction.	Providence, RI <i>March 2023-Present</i> Providence, RI <i>August 2022- January 2023</i> Providence, RI <i>June 2022-August 2022</i>
Projects	JASONPIEN.COM Personal Portfolio Website <ul style="list-style-type: none">Developed a responsive personal portfolio website using React, CSS, Javascript, and HTML5 without prior web development experience in a constrained timeframe. The website currently showcases my skills, experience, and work samples.Implemented a navigation bar, functional buttons, and links for seamless user experience and content organization BROWN BREAKTHROUGH LAB STARTUP VENTURE Puff-N-Quit, Head of Hardware Engineering <ul style="list-style-type: none">Spearhead the development of a hardware device attached to the end of vapes that can sense and inhibit the use of the vape whilst communicating with an integrated app. Worked closely with embedded systems, PCB design, and rapid prototyping.Participate in Brown University’s prestigious 8-week summer accelerator program, focusing on developing high-impact ventures and educating world-class entrepreneurs.Collaborate with a team to design an integrated system aimed at helping vape users overcome nicotine addiction dependence by addressing physiological and psychological drivers of addiction.Learn and practice startup finance, pitching, rapid prototyping, and startup legal. HACK@BROWN 2023 Recipe Cookbook with Integrated Large Language Model <ul style="list-style-type: none">Participated in 24-hour hackathon challenge. Developed rudimentary Figma wireframes and later developed both the website front-end and back-end using React, CSS/HTML, and javascript.	Berkeley Heights, NJ <i>April 2023-Present</i> Providence, RI <i>June 2023-Present</i> Providence, RI <i>January 2023</i>
Core Skills	<ul style="list-style-type: none">Programming: Python, Java, ARM Assembly, C, C++, HTML5, CSS, MatLabSoftware: Git, Fusion360 CAD, Logisim, LTSpice, Figma, Microsoft SuiteHardware: Digital Logic Design and Analysis, Circuit Design and Analysis, Oscilloscope, Microcontrollers, Manufacturing MachinesSoft skills: Reliability, Integrity, Problem-Solving, Communication, Active Learning, Teamwork, Adaptability, Passionate	
Awards	<ul style="list-style-type: none">\$4000 Scholarly Award from Brown Entrepreneurship Program, NCTA Collegiate National Bantamweight Taekwondo Bronze Medalist, 3rd Degree Black Belt in Taekwondo certified by World Taekwondo Headquarters, Kukkiwon (14 years training), Princeton Book Award Recipient	
Interests	<ul style="list-style-type: none">Startup Innovation, Microcontollers, Augmented and Virtual Reality, Drone Technology, Machine Learning, Artificial intelligence, Large Language Models, Electrical Engineering, Computer Science, Mixed Martial Arts, Snowboarding, Skateboarding, Video Editing	