# JASON PIEN

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## EDUCATION

**Brown University** — Providence, RI
BS Computer Engineering *GPA: 4.0* — Sep 2021 - May 2025

*Coursework: Data Structures & Algorithms, Digital Computing Systems, Linear Algebra, ODEs, Calculus III*
*By Summer 2024: Deep Learning (ML), Design of Computing Systems, Digital Electronics System Design*

## WORK EXPERIENCE

**Freedays** — Providence, RI
*Software Engineer | Cofounder* — June 2023 - Present

- Led the pivot from a hardware-based vape regulation solution to an AI/NLP digital cessation platform after extensive market research, within Brown's B-Lab startup accelerator
- Manage a team of 3 to develop the AI-based chatbot, employing AGILE methodologies to increase workflow efficiency by 50%
- Initially built a proof of concept breadboard prototype using C and ESP32, before transitioning to software

**Linkr** — Providence, RI
*Product Manager* — March 2023 - Present

- At Linkr, an all-in-one monetization platform serving 15M+ creators & brands, led a UX redesign using Balsamiq & Figma
- Simultaneously managed a secondary project for PrintBard, a custom-apparel design tool - restructured the UI using Balsamiq to improve UX and cohesiveness

**Brown School of Engineering** — Providence, RI
*Teaching Assistant* — August 2022 - January 2023

- Mentored and led 10 students in Intro to Engineering by holding weekly meetings and preparing section material
- Increased student familiarity and operation with rapid prototyping machinery by teaching certification workshops
- Assisted with the design and project execution of labs within the Brown Design Workshop

**Groov (UPenn Wharton Venture Lab)** — Remote
*3D Vision Internship* — June 2022 - August 2022

- Identified limitations in the existing foot-scanning process, which was geared towards individuals with a high degree of flexibility, thus excluding older or less agile users.
- Conducted large-scale user testing with diverse groups, implementing a revised scanning process aimed at inclusivity and ease of use.
- Achieved such significant improvements in scan quality and user experience that the new process was incorporated into the successful beta launch.
- Contributed to securing funding for the project by demonstrating a 60% reduction in user intake failure rates and broadening the app's potential user base.

## SKILLS

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|---|---|
| Programming Languages: | Python, Java, MATLAB, C, ARM Assembly, Debugging, Swift (learning) |
| Technologies: | Git, React, LLM transformers, LangChain, Microcontrollers |
| Entrepreneur: | Product Management, AGILE, Pitching, A/B Testing, Cohort Analysis |

## PROJECTS

**Personal React Website** *React, CSS, HTML* — https://jasonpien.com/
Built a personal website using React framework (CSS/HTML) featuring navigation bar and EmailJS

**Small Single Cycle CPU on Logisim** *Logisim Evolution, Digital Logic Design*
https://drive.google.com/drive/folders/1Yw14LrfrgPgbLQDPtC4TPtJo_ittM0Ra?usp=sharing
Designed logic for ALU, MOV instruction, flags, conditions, data processing capabilities, branch, & memory functions

## AWARDS

**Brown Entrepreneurship Scholarly Award** — Brown University
$4000 award and grant as part of acceptance to Brown's premier startup accelerator — June 2023

**National Collegiate Taekwondo Bronze Medalist** — National Collegiate Taekwondo Association
Recognized for 3rd place in Bantam Weight sparring black belt division — April 2022