

JASON PIEN

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EDUCATION

Brown University

BS Computer Engineering *GPA: 4.0*

Providence, RI

Sep 2021 - May 2025

Coursework: Circuits and Signals, E&M, Digital Computing Systems, Data Structures & Algorithms, ODE, Calculus III

By Summer 2024: Linear System Analysis, CPLDs, FPGAs & VHDL, Communication Systems, Deep Learning (ML)

WORK EXPERIENCE

Freedays

Software Engineer / Cofounder

Providence, RI

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

Product Manager

Providence, RI

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

Teaching Assistant

Providence, RI

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)

3D Vision Internship

Remote

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

Programming Languages:	Python, MATLAB, C, ARM Assembly
Technologies:	Oscilloscope, CAD, Circuit Design, LTSpice, Logisim, 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

\$4000 award and grant as part of acceptance to Brown's premier startup accelerator

Brown University

June 2023

National Collegiate Taekwondo Bronze Medalist

Recognized for 3rd place in Bantam Weight sparring black belt division

National Collegiate Taekwondo Association

April 2022