JASON PIEN

Providence, Rhode Island | Phone: 908-377-7981 | jason_pien@brown.edu

https://www.linkedin.com/in/jason-pien

EDUCATION

Brown University, B.S. *Computer Engineering*, 3.97 GPA   Providence, RI | Expected 2025

Tau Beta Pi - Engineering Honor Society (*Top 1/8th of Class*)

Relevant Coursework:Data Structures & Algorithms, Electronic/FPGA System Design, Circuits and Signals, E&M, Digital Computing Systems, Linear Algebra, Multi-variable Calculus

Currently Enrolled In: Deep Learning (ML), Design of Computing Systems (Pipelining & VLIW processor design), Computer Vision

Governor Livingston High School, 4.83 (weighted), 4.0 (unweighted) GPA   Berkeley Heights, NJ | 2017 – 2021

EXPERIENCE

Ernst & Young (EY) | *Incoming Software Engineering Intern*   New York City, NY | Summer 2024

- Learning and implementing next-generation technologies within leading investment banks, insurers, and investment managers
- Accompanying the Digital & Emerging Tech group implementing AI, decentralized finance, quantum and edge computing

Freedays Venture | *Software Engineer, Cofounder*   Providence, RI | Jun 2023 – Present

- Spearheaded the transition from hardware-based solution to SaaS AI/NLP platform, focusing on digital cessation, post comprehensive market research at Brown's B-Lab startup accelerator
- Oversaw a team in developing an AI chatbot, utilizing AGILE methodologies, enhancing workflow efficiency by 50%
- Implemented API to gpt-3.5-turbo, developed scripts for data cleansing and fine-tuned the application model
- Developed an initial proof of concept breadboard prototype using C and ESP32, before transitioning to software
- Watch me pitch: https://youtu.be/jiVpAeGX-Dk?si=mXDfZeWbAeLYsC66&t=2060

Linkr | *Product Manager*   Providence, RI | Mar 2023 – Present

- Led a UX redesign using Balsamiq & Figma at Linkr, an all-in-one monetization platform serving 15M+ creators & brands
- Concurrently oversaw a project for PrintBard, enhancing UI and UX cohesiveness with Balsamiq

Brown University Engineering Department | *Teaching Assistant*   Providence, RI | Aug 2022 – Jan 2023

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

PROJECTS

React Personal Website | *React, CSS, HTML*   https://jasonpien.com/

- Developed a responsive personal website utilizing CSS, and HTML, incorporating a navigation bar, SVG animations, and contact system

Small Single Cycle CPU | *Logisim Evolution, Digital Logic*

- Engineered logic components including ALU, MOV instructions, and various memory functions, focusing on data processing and branch conditions
- https://drive.google.com/drive/folders/1Yw14LrfrgPgbLQDPtC4TPtJo_ittM0Ra?usp=sharing

SKILLS

Programming: Python, Java, Verilog HDL, MATLAB, C, ARM Assembly, Debugging

Technologies: Git, FPGA, LTSpice, CAD, Circuitry, 3D Printing, Microcontrollers

Entrepreneur: Product Management, AGILE, Pitching, A/B Testing, Cohort Analysis

AWARDS

Brown Entrepreneurship Scholarly Award   Providence, RI | Jun 2023

- Awarded $4000 as a recognition and grant for being accepted into Brown's elite startup accelerator program

National Collegiate Taekwondo Bronze Medalist   Apr 2022

- Secured 3rd place in the National Collegiate Taekwondo Championship, Bantam Weight black belt division, showcasing advanced sparring skills