

Parker Branham

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OPEN TO

Internships, tutoring, and project collaborations for my senior year (Class of 2027). SC Pressure Point is currently paused. Not currently seeking traditional employment.

EDUCATION

Cardinal Newman High School — Columbia, SC

Graduating May 2027 · GPA 4.73 (SC Uniform) · Goal: Mechatronics / Engineering

EXPERIENCE

FTC Robotics — Founding (Pending)

Cardinal Newman High School · 2026 – Pending

Working to start an FTC (FIRST Tech Challenge) team. I'd lead the team — designing, building, and programming in Java and Fusion 360 — but the program is still awaiting principal approval and isn't official yet. Previously placed 4th at Beta Club Robotics, the first placement for the school in six years.

Web Development — Personal & Casual

Self-Taught · 2024 – Present

I build websites for myself and occasionally help others out casually — not a business or advertised service. HTML, CSS, and JavaScript, usually hosted on GitHub Pages. This portfolio and scpressurepoint.com are examples.

Founder & Owner — SC Pressure Point

Student-Owned Pressure Washing · 2024 – Present (currently paused)

Started at 14 when I couldn't legally be hired. Handled outreach, published sq-ft quotes, scheduling, and job execution. Built the business website myself. On hold for senior year.

Employed — Sales Staff

BeBeep Toys · 2024 – 2025

Customer-facing retail while continuing gig-based work.

Server Administrator & Developer

Personal Project · 2020 – Present

Self-hosted a Minecraft server network (80+ members). Static IP, BungeeCord proxy, Java plugins, Discord bot.

PROJECTS

Clearline — Firebase CRM

The most substantial engineering project I've shipped: a Firebase-backed CRM (vanilla-JS PWA) for a real business. Real architecture decisions and real bug-fixing — Firestore security rules, a signed-in accessUids access model, and a reproducible GitHub Pages deploy.

SC Pressure Point Website

Full business site: services catalog, published pricing, before/after gallery, quote form. Built and hosted on GitHub Pages.

Fusion 360 Parts

CAD-designed mechanical components and enclosures.

SKILLS

Fusion 360 · HTML/CSS/JavaScript · Firebase / Firestore · Java · Robotics (FTC, Beta Club) · CAD · GitHub Pages · Network administration · Client & business management · Photography (Canon A1, Sony A6400)