

# BRAYLON PARKER

parkerworks42@gmail.com • (248) 388-1251 • Elk Grove, CA • [github.com/bpoiko](https://github.com/bpoiko) • LinkedIn • Portfolio

## SUMMARY

---

Software Engineer and Full-Stack Developer with hands-on experience building automation systems, data pipelines, and AI-integrated web tools using Python, JavaScript, React, and Flask. Proven track record delivering measurable impact in professional environments — including an 88% reduction in manual scheduling workload and 80% reduction in client data entry.

## TECHNICAL SKILLS

---

**Languages:** Java, Python, JavaScript, C/C++, SQL

**Frameworks & Tools:** React, Node.js, Express.js, Next.js, Flask, Django, Pandas, Selenium, Vite, Git/GitHub, Firebase, Figma

**Concepts:** Full-Stack Development, Automation Engineering, Data Processing, REST APIs, Agile Development

## WORK EXPERIENCE

---

### Sacramento State — Software Engineer Intern Oct 2025 – Present

- Engineered a Python-based automation system for class scheduling and student placement, reducing manual workload by 88% for scheduling staff.
- Architected project workflow using object-oriented principles and Pandas to ensure scalability and accurate data mapping across course sections.
- Leading end-to-end development including requirements gathering, UI wireframing in Figma, and faculty coordination to iteratively refine features.

### Sacramento State — Engineering & CS Dean's Assistant Sept – Dec 2025

- Orchestrated daily operations for the Dean's office, managing complex scheduling and correspondence for 50+ faculty and staff.
- Maintained confidential academic records for 5,000+ students with 100% data accuracy and compliance.
- Coordinated 10+ interdepartmental meetings and events monthly, improving cross-team collaboration efficiency.

### Real Estate Client — Software Engineer (Contract) Jul – Oct 2025

- Built a Python automation tool that eliminated 80% of manual data entry for real estate transactions, saving the client 20+ hours per week.
- Automated data ingestion pipelines via Pandas, reducing processing time from 4 hours to under 10 minutes with standardized output.
- Designed reusable automation templates later adopted across 3 internal business use cases, expanding tool utility beyond original scope.

## PROJECTS

---

### Code2Code — Solo Project | 20+ Hours | [GitHub](#) *React, Firebase, OpenAI API, Vercel*

- Built a full-stack AI-powered coding challenge platform using React and Firestore, enabling interactive DSA practice with history tracking.
- Integrated OpenAI LLM for randomized question generation across difficulty levels; continuously deployed via Vercel and Render.

## EDUCATION

---

### California State University, Sacramento 2024 – 2028

B.S. Computer Science | Minor in Mathematics | GPA: 3.6 | 3× Dean's Honor List

*Relevant Coursework: Data Structures & Algorithms, Computer Software Engineering, Computer Architecture, Discrete Structures, Applied Linear Algebra, Combinatorics*