

Brandon T. Pae

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EDUCATION

- Columbia University** | *GPA: 3.99* New York, NY | May 2026
Bachelor of Science in Computer Science, cum laude, Minor in Entrepreneurship
- Relevant Coursework - Operating Systems, Advanced Programming in C, VR/AR (Unity), Artificial Intelligence, Natural Language Processing, Data Structures, Software as a Service, Parallel Optimization for Robotics
- Horace Mann School** | *GPA: 3.97 UW, 4.48 W; SAT: 1570* Bronx, NY | Jun 2022

WORK EXPERIENCE

- Boston Consulting Group (BCG)**, *Summer Associate* Boston, MA | Jun 2025 – Aug 2025
- Built and automated Excel-based financial models tracking EBITDA and OWC for an industrial goods client
 - Scoped AI automation opportunity under ambiguity and presented recommendations to senior client leadership
- Dexter**, *Co-Founder/CEO* New York, NY | Sep 2025 – May 2026
- Built AI redaction tool for consulting slide decks, saving ~125 hours per consultant annually
 - Piloted with BCG and OC&C; refined product across 15+ consultant interviews to fit real workflows
- FluidityIQ**, *Software Engineering Intern* New York, NY | Jun 2024 – Sep 2024
- Deployed patent search vectorizer via Azure CI/CD; cut API latency 6x and resolved 75% of bugs
 - Built LLM patent summarizer using LangChain with modular model-swapping; redesigned chat for multiple concurrent users, reaching initial IP lawyer customer base
- Capco**, *Software Engineering Intern* New York, NY | Jun 2023 – Aug 2023
- Fixed 66% of bugs in a major U.S. bank's permissions service and automated test data creation; presented results to 30+ executives, with work integrated into client systems

LEADERSHIP EXPERIENCE

- Computer Science Department @ Columbia**, *Teaching Assistant* New York, NY | Jan 2025 – May 2026
- Mentored 25 students per semester building full-stack apps (Flask, jQuery) and introduced Figma-first workflow reducing development time by 50%; supported 600+ students through office hours and grading
- Anthropic**, *Claude Builder Ambassador* New York, NY | Sep 2025 – Dec 2025
- Scaled the Claude Builder Club to 150+ members and led 6 campus demos and workshops with Anthropic engineers; organized 75-student hackathon where teams built AI tools for real campus problems
- Columbia Organization of Rising Entrepreneurs (CORE)**, *Director* New York, NY | Sep 2022 – Dec 2024
- Directed Almadworks Accelerator and redesigned mentor matching to reach 100% attendance; coached 30+ founders and led 5 Demo Days (100+ attendees) with Bain Capital Ventures
- Columbia Daily Spectator**, *Head of Product* New York, NY | Sep 2022 – May 2024
- Led product team launching CULPA features (planner, syllabi uploads, review filters), increasing traffic 200% during course registration; redesigned landing page supporting 5.5M+ visitors and \$300K revenue

PROJECTS & RESEARCH

- AI Safety (Dec 2025 – May 2026): Fine-tuned 8B LLMs to study deceptive reasoning and found 0–5% increase in misrepresentation of internal state; selected for competitive BlueDot AI Safety cohort
- A2R Lab (Jan – May 2025): Modernized autonomous drone firmware (C/C++) to integrate with ROS 2 stack; validated through real-world flight tests and contributed to IROS conference paper submission
- BeetCode (Mar – Jun 2024): Built AI coding interview assistant guiding users through problems via contextual hints without revealing answers; reached 200+ users across Columbia, Cornell, and Yale

SKILLS & INTERESTS

Languages: English (Native), Spanish (Fluent), Korean (Proficient)

Programming: Python, C/C++, Java, SQL, JavaScript, R

ML & AI: PyTorch, LangChain, Optuna, ClearML, Docker, AWS, Azure, PostgreSQL

Interests: Tennis, Weightlifting, Bartending, Korean Dramas