Joshua Zhang

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OBJECTIVE STATEMENT

Motivated computer science student at Colby College (GPA 3.98/4.0) with a passion for software engineering, AI/ML, and full-stack development. Proficient in Python, Java, JavaScript, C, C#, SQL, and R. Seeking a software engineering position to apply problem-solving skills and build scalable solutions.

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C, C#, SQL, R
- **Frameworks & Libraries:** React, Node.js, Next.js, NumPy, Pandas
- **Web Development:** HTML, CSS, JavaScript, React, Node.js, Next.js
- **Tools & Technologies:** SQL, Git, Selenium, Stripe API
- **Core Competencies:** Data Structures & Algorithms, Machine Learning & AI, Full Stack Development

EDUCATION

Colby College   **May 2026**
B.A., Computer Science with Concentration in AI and Music   *Waterville, ME*

- **GPA: 3.98/4.0**, Presidential Scholar, Dean's List

WORK EXPERIENCE

Salary.com   **Jun. 2025 – Aug. 2025**
Software Engineering Intern   *Waltham, MA*

- Contributed to the development of new tools for CompAnalyst® Enterprise, a platform used by large organizations for compensation management.
- Engaged in full stack development using React (frontend), C#/.NET (backend), and SQL (database) to build scalable, enterprise-grade solutions.

Insilicom, Inc.   **Oct. 2024 – Jan. 2025**
Data Analyst Intern   *Remote*

- Developed automated web scraping tools using Python and Selenium to extract insights from medical journals in support of iPulse, Insilicom's medical data analytics platform.
- Processed and analyzed large-scale datasets for machine learning applications

Recomputing, Inc.   **Jun. 2024 – Aug. 2024**
Software Engineering Intern   *Remote*

- Designed and built company website using NextJS, focusing on performance, responsiveness, and modern UI practices.
- Integrated Stripe API to enable secure and seamless payment processing for various company projects.

Colby College   **Feb. 2024 – Dec. 2024**
Teaching Assistant, Tutor, and Grader   *Waterville, ME*

- Teaching assistant for Data Structures and Algorithms and Introduction to Computer Science, tutored students and graded projects

PathAI   **Jul. 2023 – Aug. 2023**
Technical Intern   *Boston, MA*

- Collected high-resolution microscopy data of pathology slides to train a machine learning model for the detection and classification of cancer cells

INTERESTS

- **Activities:** Trombonist – Colby Symphony Orchestra/Colby Jazz Band/Combo
- **Awards:** National Merit Scholar, Colby Music Performance Award