Chetan Vig

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Summary

Highly motivated Computer Science student at the University of Alberta seeking a Junior Full Stack Developer internship at Stellari. Experienced in building AI-powered applications with Python, JavaScript, React, and REST APIs. Eager to contribute to the development of Koru, leveraging skills in full-stack development and cloud technologies while learning from experienced professionals in an agile environment. Registered student for Winter 2026.

Experience

- **MacEwan Residence**   *MacEwan University, Edmonton, Alberta*   *November 2024 - Present*
  - Provided excellent customer service to students and guests, handling check-ins, check-outs, and inquiries.
  - Maintained organized records, managed mail and packages, and assisted with administrative tasks.
  - Facilitated seamless guest and student experiences by efficiently addressing inquiries and coordinating check-ins and check-outs.

Projects

- **Clubmate AI - Ongoing**   *Undergraduate Artificial Intelligence Society, github.com/UndergraduateArtificialIntelligenceClub/Clubmate-AI*   *September 2025 - Present*
  - **Technologies:** Python, MCP SDK, LLMs (OpenAI standard), Pydantic, Async/Await.
  - Developed a high-performance, Async Python service bridging an LLM via Model Context Protocol (MCP) to execute 17 standardized API tools for server automation.
  - Implemented strict Role-Based Access Control (RBAC) using Discord roles for tool permissions, and enforced data reliability across all inputs using Pydantic schema validation.
  - Reduced club administrative burden by an estimated 80% (scheduling, moderation, outreach), freeing leadership time and measurably increasing member engagement.

Involvement

- **Perplexity**   *Edmonton, Alberta*   *September 2025 - Present*
  - Promoted Perplexity's Comet browser on campus through creative grassroots events and outreach.
  - Collaborated with the growth team and student strategists to boost awareness and signups, distributed branded materials, and gathered feedback.
  - Developed marketing and communication skills in a fast-paced, tech-driven environment.

Education

- **University of Alberta**   *Edmonton, Alberta*   *2027*
  - Bachelor of Science, Computer Science (Expected)

Skills

- **Full Stack Development:** JavaScript/TypeScript, React, REST APIs, Node.js, HTML/CSS, Git, GitHub, Agile/Kanban workflow
- **Programming CS:** Python, C (C99), SQL, data structures algorithms, OOP, spec-driven development
- **AI / ML Data:** Machine learning deep learning, LLMs context engineering, RAG, PyTorch, Scikit-Learn, NumPy, Pandas, Seaborn, LangChain, LlamaIndex, Pinecone, Hugging Face, SpaCy, data analysis visualization, feature engineering, hypothesis testing
- **Systems, Web Tools:** PostgreSQL, Linux CLI, Docker, Streamlit, PyTest, MCP / MCP SDK, AWS (learning), Tailwind CSS