

# Building AI Agents with Claude Code & Agent SDK

Format: 8-week workshop series, 3 hours per session

Delivery: Virtual (Zoom)

Language: TypeScript

## 01. What You'll Learn

This hands-on workshop takes you from zero to production-ready AI agents. By the end, you'll have built a working agent for your specific domain, whether that's GTM, data analytics, customer support, or operations.

## 02. Weekly Curriculum

Week	Topic	What You Build
1	Overview & Setup	Define your capstone project
2	Tool Calling	Agent that uses Bash, Read, Write tools
3	MCP Integration	Connect external services (Gmail, Notion, GitHub)
4	Agent Skills	Reusable SKILL.md files for your domain
5	Sub-agents	Multi-agent workflows with Task tool
6	Agent SDK	Headless agents in TypeScript
7	Evals	Golden dataset testing for quality
8	Demos	Present your capstone project

## 03. Who This Is For

- Business operators wanting to automate repetitive tasks
- Developers exploring AI agent patterns
- GTM teams building sales and marketing automation

- Data analysts creating intelligent data pipelines
  - Anyone who wants to build practical AI tools
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## 04. What Makes This Different

This is not a lecture series. Every session includes:

- Live coding and demonstrations
- Hands-on labs where you build real agents
- Capstone project development time
- Peer learning and collaboration

You leave with a working agent, not just knowledge.

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## 05. Your Facilitator

Hai Nghiem

CEO @ AGI Ventures Canada

LangChain Ambassador

Ex-GetCoding Instructor

At AGIVC I help companies from startups to F500 solve the most pressing problem with their AI product and engineering team, or AI efficiency and change management for the rest of the organization.

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GitHub: <https://github.com/trancethehuman> ■

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## 06. About AGI Ventures Canada

AGI Ventures Canada Inc. is a consulting firm specializing in AI implementation for businesses. We help companies build AI products, deploy intelligent automation, and transform their operations with practical AI solutions.

Website: <https://agiventures.ca> ■