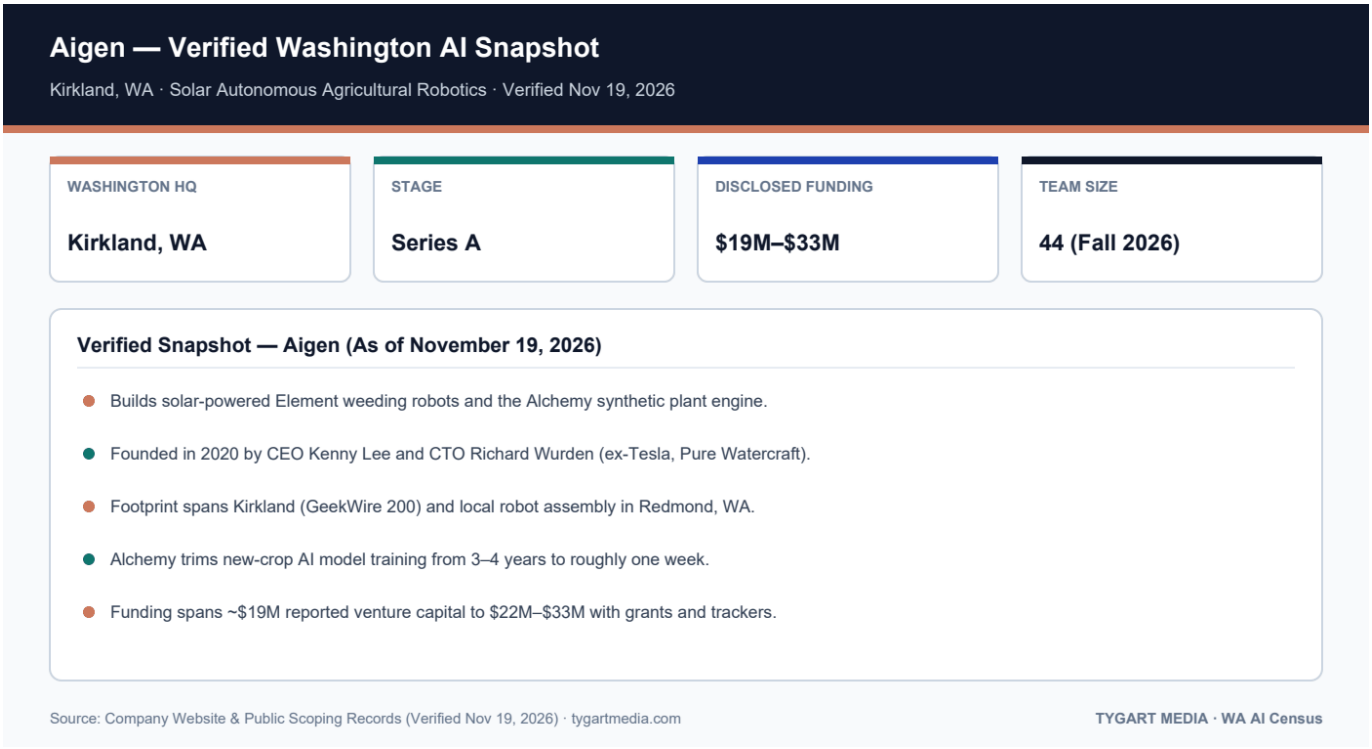
Aigen: Kirkland AI Profile — Product, Footprint & Verified Record

Verified: November 19, 2026 · Canonical URL: https://tygartmedia.com/aigen-kirkland-wa-ai-profile/

Verified Record Summary: Aigen is an active, independent Eastside Washington robotics and physical AI company listed in Kirkland on the Fall 2026 GeekWire 200 with 44 employees and operating robot assembly in neighboring Redmond. The company builds solar-powered Element agricultural weeding robots alongside Alchemy, an AI synthetic plant and weed data engine designed to accelerate crop model training. Total funding sits in a $19M–$33M range across GeekWire venture reporting and secondary trackers that include grants and later capital.



Field	Verified Record (As of Nov 19, 2026)
Company	Aigen
Official Website	https://www.aigen.io/
Washington HQ	Kirkland, WA (GeekWire 200 Fall 2026); Redmond, WA cited in Oct 2026 GeekWire HQ and assembly coverage
Other WA Footprint	Robot assembly and engineering operations in neighboring Redmond, WA
Founded	2020
Founders / Leadership	Kenny Lee (Co-Founder & CEO); Richard Wurden (Co-Founder & CTO)
Stage	Series A
Announced Funding	$19M–$33M (~$19M total venture funding reported by GeekWire in Oct 2026, including a $4M 2022 seed and $12M 2023 Series A; secondary trackers Tracxn and Robomap cite $22M–$33M including non-equity grants and later financings)
Team Size	44 (GeekWire 200, Fall 2026)
Primary Ecosystem Ties	Kirkland and Redmond Eastside WA robotics base; CTO previously engineered at Seattle's Pure Watercraft; GeekWire 200 (Fall 2026)

What Aigen Builds

Aigen develops autonomous, solar-powered agricultural robots called Element alongside Alchemy, an outdoor physical AI world model and synthetic plant data engine, as detailed on the Aigen official website. Designed to eliminate both diesel fuel and chemical herbicides from commercial row-crop weeding, Element units run dawn to dusk on solar power and onboard battery storage, coordinating across fields over a mesh network without human operators or charging cables.

The software bottleneck in agricultural robotics is collecting enough labeled field imagery across varying crop stages and weather conditions. In October 2026, GeekWire reported that Aigen built Alchemy to generate synthetic digital weeds and crops paired with real field captures, shrinking the time required to train weeding models for a new crop from 3–4 years to roughly one week. Aigen positions Element and Alchemy as an outdoor physical AI platform starting in agriculture with planned expansion into energy, industrial inspection, and construction.

Washington Footprint and Leadership

Aigen's Washington presence spans two adjacent Eastside cities. The Fall 2026 GeekWire 200 lists the company in Kirkland, WA—where it was founded in 2020—with 44 employees, while GeekWire's October 2026 feature identifies Aigen as a Redmond, Washington startup assembling Element robots locally. On its website, Aigen notes that its robots are designed, engineered, and assembled in the United States.

Co-founder and CEO Kenny Lee is a repeat technology and cybersecurity founder who previously co-founded Weblife.io (acquired by Proofpoint in 2017) and started Aigen after surviving non-Hodgkin's lymphoma with the goal of reducing chemical herbicide exposure in agriculture. Co-founder and CTO Richard Wurden brings mechanical and battery engineering experience from five years at Tesla and earlier engineering work at Seattle electric boat startup Pure Watercraft, as covered on Aigen's about page and GeekWire's 2023 Series A profile.

Products, Users, and Public Traction

Aigen targets commercial row-crop and specialty-crop growers looking for mechanical, herbicide-free weed control. Early commercial deployments focused on sugar beets and organic soybeans across farms in California, Idaho, Minnesota, and North Dakota, including a reported partnership with Bowles Farming Company covered in GeekWire's production ramp report.

By October 2026, GeekWire reported that Alchemy enabled Aigen to expand beyond sugar beets and organic soybeans into specialty crops including asparagus, hops, flowers, and lettuce—alongside tomato growers—and noted the company had nearly sold out its upcoming seasonal robot inventory.

Funding, Stage, and Place in Washington's AI Landscape

Aigen is a Series A company with disclosed capital in the $19M–$33M range depending on data source and grant inclusion. Following a $4 million seed round in early 2022, Aigen raised a $12 million Series A in late 2023 led by ReGen Ventures with participation from New Enterprise Associates (NEA). In October 2026, GeekWire cited roughly $19 million in total venture funding, whereas secondary trackers (Tracxn and Robomap) cite $22M–$33M when counting non-equity grants and subsequent financings.

Disclosed investors span climate, agtech, and general venture backers: ReGen Ventures, NEA, AgFunder, Global Founders Capital (GFC), Cleveland Avenue, Bessemer Venture Partners, SV Angel, Y Combinator, and Sam Altman. Within Washington's AI landscape, Aigen reinforces a distinct Pacific Northwest cluster in agricultural robotics and outdoor physical AI alongside Seattle peers Carbon Robotics and IUNU and Redmond heavy-equipment autonomy peer AIM Intelligent Machines.

Verified Primary Sources & Official References

• Aigen Official Website: https://www.aigen.io/
• Aigen About Page: https://www.aigen.io/about
• GeekWire: Aigen Grows AI-Generated Weeds (Oct 2026): https://www.geekwire.com/2026/data-farmers-ag-tech-startup-aigen-grows-ai-generated-weeds-to-train-its-solar-powered-farm-robots/
• GeekWire: Aigen Lands $12M (2023): https://www.geekwire.com/2023/aigen-a-seattle-startup-that-sells-a-solar-powered-weed-thumping-robot-lands-12m/
• GeekWire: Aigen Ramps Up Production (2023): https://www.geekwire.com/2023/with-fresh-funding-agtech-startup-aigen-ramps-up-production-of-solar-powered-farm-robots/
• GeekWire 200: https://www.geekwire.com/geekwire-200/

Companion Markdown twin: https://tygartmedia.com/wp-content/uploads/2026/11/aigen-kirkland-wa-ai-profile.md (also mirrored at https://tygartmedia.com/aigen-kirkland-wa-ai-profile.md). Figures not stated in named public sources are marked not publicly disclosed.