

Clay Maksymiuk

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EXPERIENCE

• Weymo

Mountain View, CA

Software Engineer, Integrated Systems Testing Infrastructure
Systems Engineering Intern, Integrated Systems Test Engineer (Software)

July 2022 – Present
May 2021 – August 2021

- Created a platform-agnostic testing framework in Python, simplifying test creation for 50+ engineers and enabling the execution of 1,000 tests over 10,000 times for critical V&V and platform validation.
 - * "Write once, run anywhere" enables tests to inject faults and analyze signals in simulation, on HIL testbeds, in vehicle, and in post-run analysis.
- Architected and developed a full-stack test asset management application that automated system status checks, test package synchronization, and results reporting, utilized by both internal teams and third parties to ensure high-quality firmware/onboard releases.
- Contributed to test campaign management software, which ties system requirements in Jira to test specs and allows manual and automatic test execution, streamlining the execution and sign-off process for thousands of tests across simulation, HIL, and in-vehicle environments.

• Fisher Dynamics

Saint Clair Shores, MI

Software Engineering Intern

May 2019 – May 2021

- Created low-cost autonomously guided vehicles to transport automotive parts around factory settings.
- Sole designer and implementer for both onboard (vision, guidance, motion control, battery management system (BMS)) and offboard (fleet orchestration, monitoring, remote access) systems.
- Saved estimated \$500k / yr in first round deployment, scaling from proof-of-concept to production system across multiple factories.
- Designed monitor software for easy maintenance and debugging by factory line leads.
- Regularly worked with nontechnical stakeholders to fulfill operational requirements.
- [See media here](#)

PROJECTS (SEE MORE AT [CMAKS.DEV](https://cmaks.dev))

• Textle

SMS-based Wordle - More at textle.day

- Custom [Wordle](#) game playable (exclusively) via SMS
- 30 users (family/friends/mutual friends), 15 active in first two weeks, taken offline due to high SMS costs

• Dario

Ann Arbor, MI

More at schedulewithdario.com

April 2020 - Aug 2020

- Co-developed a (pre-LLM!) SMS-based digital assistant to automate meeting scheduling, implementing DialogFlow for NLP, and integrating Google Calendar and Contacts APIs via OAuth2.

EDUCATION

• University of Michigan

Ann Arbor, MI

Bachelors of Science in Engineering in Computer Science; Cum Laude

Sept. 2018 – May 2022

TECHNICAL

• **Languages:** C/C++, Python, TypeScript (Angular), Go

• **Courses:** Distributed Systems, Computer Networks, Operating Systems, Autonomous Robots, Agent-Based Modeling, Computer Vision, Calculus (I - III), Linear Algebra