

Ian Heraty

Chicago, Illinois, USA

Phone: +1.630.891.0692 • **Email:** heratyian@gmail.com • **Blog:** heratyian.github.io

Summary

Relentless technologist, founder, and educator with a track record of bringing bold ideas to life. Proficient in scaling software solutions across web, mobile, and hardware platforms—driven by a first-principles approach to problem-solving. Polyglot developer adept at managing teams, and unafraid to tackle uncharted technical challenges. Seeking impactful missions that require visionary thinking, rapid execution, and uncompromising quality.

Education

University of Notre Dame

2009 – 2012

Bachelor of Arts (BA)

Professional Experience

Discovery Partners Institute (University of Illinois)

Jan 2023 – Present

Software Development Educator, Chicago, IL

- Designed and led an advanced curriculum for full stack software development.
- Instilled real-world engineering practices and problem-solving mindsets in students.
- Collaborated with top-tier companies like John Deere, SAP, HCSC, Zebra Technologies, Underwriters Laboratories, United Airlines, and CIBC to match students with roles in software engineering, consulting, project management, sales, quality assurance, and business analysis.
- Successfully guided students to exceed expectations at leading companies, demonstrating the program's effectiveness in real-world job placement.

Big Green Company

Sep 2020 – Present

Co-Founder, Chicago, IL

- Spearheaded receipt-ai.com, an innovative, AI-driven platform that enables users to effortlessly upload receipts via SMS, email, or web, making the process seamless and accessible.
- Leveraged machine learning to digitize and analyze receipts, providing real-time, actionable insights that drive smarter business decisions.
- Directed strategy and product development, ensuring continuous iteration and deployment of cutting-edge solutions that are both user-friendly and revenue-generating.

Nerdery

Mar 2017 – Sep 2020

Senior Software Engineer, Chicago, IL

- Delivered high-impact software solutions across various technology stacks to meet client needs in supply chain management, business processes, consumer goods, and more.
- Consistently exceeded client expectations, playing a key role in delivering projects that drove business transformation efficiently and on schedule.
- Recognized for exceptional performance, logging the most billable hours of any employee in the Chicago office in both 2018 and 2019, reflecting strong commitment and client satisfaction.

- Delivered impactful solutions by developing a mobile app for "power-in-lock" container shipping smart locks, enabling real-time lock status monitoring, configuration, logging, and firmware updates, streamlining operational efficiency for clients.
- Designed and implemented an automated testing framework to detect defects in manufactured smart locks, ensuring high-quality standards and minimizing costly errors in production.
- Led development efforts for *Mi-Star V2*, collaborating with stakeholders to align engineering goals, define requirements, and integrate innovative solutions that enhanced product functionality and reliability.

Additional Roles

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Jan 2016 – Jun 2016

Software Localization Consultant, Shenzhen, China

- Adapted English-language Android/iOS watch apps and firmware for the Thai market, ensuring seamless user experiences.
- Contributed linguistic and technical expertise to optimize cross-cultural product adoption.

Nanshan Second Foreign Language School

Aug 2012 – Apr 2016

Teacher, Shenzhen, China

- Managed 15 large classes/week, developed "A for the Day" grading system—drastically improved student engagement.
- Gained professional-level Mandarin Chinese, refining cross-cultural communication and leadership in a high-intensity environment.

Early Experience

University of Notre Dame Phone Center

Sep 2009 – Jul 2012

Caller, Notre Dame, IN

- Raised \$100K+ across 5 semesters by cultivating strong alumni relationships and demonstrating persuasive negotiation skills.

XR Trading

Aug 2011 – Jan 2012

IT Intern, Chicago, IL

- Installed, configured, and troubleshoot computer hardware, software, and networks for a high-frequency trading firm, honing rapid problem-solving under mission-critical conditions.

Key Skills & Languages

- **Languages and Frameworks:** Ruby, Javascript, Rails, Stimulus
- **Spoken Languages:** English (Native), Chinese (Professional), German (Limited), Spanish (Elementary)
- **Additional Highlights:** Nerdery Texas Hold'em Champion (2018, 2019), Nerdery "Hidden Leader" Award (2019)